

Photographic Edition, 1884

ORNAMENTAL IRON

THE WINSLOW BROS. CO
CHICAGO.

Personal Study

“ORNAMENTAL IRON.”



CHILD'S HEAD.

Detail of the Torrence Gateway. Hand-Wrought Swedish Iron.

REPRODUCTIONS FROM PHOTOGRAPHS OF ORNAMENTAL IRON AND ART
METAL WORK IN PLACE. OF ORIGINAL DESIGNS, DRAWINGS,
AND SKETCHES FOR WORK IN WROUGHT IRON, CAST
IRON, BRONZE, BRASS, AND ALUMINIUM.

REPRODUCTIONS IN BRONZE OF THE CREATIONS OF EMINENT MASTER
ARTISTS, ARCHITECTS, AND SCULPTORS.

PRODUCT OF

THE WINSLOW BROS. CO.'S

ORNAMENTAL IRON WORKS,

CHICAGO.

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BY
THE WINSLOW BROS. CO.,
CHICAGO.

ORNAMENTAL IRON.

CHICAGO, November 1, 1894.



THE volume herewith presented contains illustrations which have appeared in the periodical publication, **ORNAMENTAL IRON**, carefully arranged, classified and indexed to facilitate ready search and easy reference.

The constantly increasing demand for ornamental iron; the as constantly enlarging field for its architectural use and for purely decorative effects, and the development of taste and artistic discernment in the selection of designs have been incentives to betterment. The contents of this volume, illustrating the product of our works in part during the past year, furnishes the evidence of our entire ability to fully meet the demand and to anticipate the wish of owner and architect for artistic results as well as for constructional merit.

Numerous new designs are shown, many of which represent novel creations provided for special constructive and ornamental features; these speak for themselves in the illustrations.

New and improved methods and finishes have been made necessary, and they have been successfully developed and introduced.

A study of the list of important buildings in which we have placed the ornamental iron work will fairly indicate the resources of our works and the measure of favor and appreciation with which it has been received, while in the partial list of architects, under whose direction and supervision the work has been done, in many instances after designs prepared by themselves, will be found the names of the leading practitioners in the country, and to each and all of these gentlemen we unhesitatingly refer.

Except as otherwise specified, the designs shown in this volume are original with us and the proprietary rights therein will be maintained.

THE WINSLOW BROS. CO.

ORNAMENTAL IRON.



No. 48.

No. 49.

No. 50.

GALVANOPLASTICS—THE WINSLOW COLLECTION.

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ORNAMENTAL IRON.



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ORNAMENTAL IRON.



ART PALACE, WORLD'S COLUMBIAN EXPOSITION.
(Now the Field Museum.)

Award by the World's Columbian Exposition, CHICAGO, 1893.

Our exhibit at the Columbian Exposition, held in Chicago in 1893, a view of which is given on page 150 of the Appendix, was made under eight distinct entries, to wit:

1. Large Hand-Forged Carriage Gateway.
2. Hammered Leaf Wrought Iron Work.
3. Iron Stairs.
4. Railings.
5. Newels.
6. Duplex Electro-Plating on Iron.
7. Metal Mantels and Attachments.
8. Elevator Inclosures.

We were awarded **EIGHT MEDALS AND EIGHT DIPLOMAS**, an award on each and every entry made.

The following is the official announcement of the award:

WORLD'S COLUMBIAN COMMISSION.

EXECUTIVE COMMITTEE ON AWARDS.

WASHINGTON, D. C., March 23, 1894.

DEAR SIR:—I herewith inclose you an official copy of your Award, which, in due time, will be inscribed in the Diploma and forwarded to your present address, unless otherwise indicated by you. Yours,

JOHN BOYD THACHER,
Chairman Executive Committee on Awards.

UNITED STATES.

DEPARTMENT H.—MANUFACTURES.

Exhibitor—The Winslow Brothers Company. *Address*—Chicago, Ill. *Group*—118. *Class*—743.

Exhibit—Ornamental Iron, Large Carriage, Hand-forged Gate, Metal Mantels and Attachments, Duplex Electroplating on Iron, Elevator Inclosures, Newels, Railing, Iron Stairs and Hammered Leaf Wrought Ironwork.

AWARD.

For high degree of merit in design, smooth, careful and skillful workmanship. Most successful artistic welding of large pieces and surfaces, and equally successful application of the Bower-Barff Rustless process.

GALVANOPLASTIC WORK.

For excellence of designs, sharp details and finishes.

ELECTROPLATING.

Successful Electroplating of bronze on iron, affording perfect protection to the iron metal underneath. Equally successful electroplating of bronze on wood.

CAST ALUMINIUM.

Fine specimens of elaborate and difficult castings.

METAL MANTELS AND ATTACHMENTS.

For a fine exhibit and well designed and executed mantelpiece and attachments in electroplating work.

LARGE CARRIAGE, HAND-FORGED GATE.

This exhibit represents a high degree of perfection in design and execution. The design is carefully studied to fit the material under treatment, and workmanship of the highest order is observable in every part of the structure. The whole work is strictly handwork, done with hammer and chisel, and nothing has been neglected to produce a most meritorious article, both from an artistic and structural standpoint. In order to prevent repetition, it may be stated that the same high standard has been observed in all the separate examples of ornamental wrought ironwork exhibited by this firm, and their electroplating work is especially carefully executed.

(Signed) L. G. LAUREAU,

Approved: H. I. KIMBALL,
President Departmental Committee.

Approved: JOHN BOYD THACHER,
Chairman Executive Committee on Awards.

Copyist, E. W. Date, February 20, 1894.



Partial List of Prominent Public and Office Buildings

IN WHICH WE HAVE EXECUTED ORNAMENTAL IRON CONTRACTS,

TO NOVEMBER 1, 1894.

This list does not include a large number of buildings in which more or less special work has been furnished, comprising Grilles, Lanterns, Railings, Electroliers, Mail Boxes, Fountains, etc.

ATLANTA, GA.

Equitable Building.

CHICAGO, ILL.

Adams Express Building,
American Exchange Nat'l Bank,
American Express Building,
Albermarle Building,
Art Institute,
Association Building,
Auditorium Building,
Armour Institute,
Atheneum Building,
Boyce Building,
Burley Building,
Caxton Building,
Chamber of Commerce Building,
Champlain Building,
Chicago Club Building,
Chicago Daily News,
Chicago Herald Building,
Columbus Memorial Building,
Columbus Safety Deposit Vaults,
Commercial National Bank,
Continental National Bank,
Chicago Edison Co.,
Ellsworth Building,
Equitable Building,
First National Bank Building,
Gore Hotel,
Grand Opera House,
Haymarket Theatre,
Home Insurance Building,
Heiseu Building,
Inter Ocean Building,
Isabella Building,
Kinzie Apartment House,
Leiter B'ld'g (Siegel & Cooper Store),
Leiter B'ld'g (Clark, cor. Quincy St.),
Ludington Building,
Manhattan Building,
Marshall Field Building,
Marquette Building,
Music Building,
McCormick Theological Seminary,
Monadnock Building,
Monon Building,
New Era Building,
Northern Hotel,
Ogden Building,
Old Colony Building,
Omaha Building,

Ottawa Building,
Phenix Building,
Pontiac Building,
Rand-McNally Building,
Reliance Building,
Rialto Building,
Rookery Building,
Scovill Institute (Oak Park),
Stewart Building,
Stock Exchange Building,
Stone, A. J., Building,
State Safety Co. Building,
Spaulding & Co.,
Tacoma Building,
Teutonic Building,
The Fair Building,
Title and Trust Building,
U. S. Express Building,
Van Buren Building,
Varnell Building,
Venetian Building,
Virginia Apartment Flats,
Woman's Temple Building,
Wachussetts & Katahdin Building.
WORLD'S COLUMBIAN EXPOSITION.
Administration Building,
Gallery of Fine Arts,
Massachusetts Building.
Mexican Exhibit (show cases).

CINCINNATI, OHIO.

Neave Building.

CLEVELAND, OHIO.

Hickox Building,
Lillibridge Bank,
Mather Building,
Parmelee Building (Cuyahoga),
Perry-Payne Building,
People's Loan & Savings Building,
Society for Savings Building,
Wade Building,
Western Reserve Bank.

COLORADO SPRINGS, COL.

Coburn Library.

COLUMBUS, OHIO.

Urlin & Pfeifer.

DENVER, COL.

Albany Hotel,
Broadway Theater,
Boston Block,

Broadway Apartment House,
California Building,
Colorado Club,
Cooper Building,
Equitable Building,
Ernest & Cranmer Building,
Evans Building,
Jacobson Building,
Knox Currier & Walker Building,
Manual Training School,
Mack Building,
May Building,
McPhee Building,
Mining Exchange Building,
People's Bank Building,
Railroad Building.

DES MOINES, IOWA.

Equitable Building.

DETROIT, MICH.

Chamber of Commerce Building.

DULUTH, MINN.

Board of Trade Building.

GRAND RAPIDS, MICH.

Michigan Trust Company Building.

INDIANAPOLIS, IND.

Masonic Building.

KANSAS CITY, MO.

American Bank Building,
Board of Trade Building,
Bullene Building,
Coates House,
County Courthouse Building,
Grimes Building,
Keith & Perry Building,
Massachusetts Building,
Midland Hotel,
Mutual Life Insurance Building,
New England Building,
Ridge Building.

LOS ANGELES, CAL.

Bradbury Building,
Stimson Building.

MEMPHIS, TENN.

Lyceum Theatre.

MILWAUKEE, WIS.

Pabst Office Building.

ORNAMENTAL IRON.

Davidson Theater,
Schlitz Hotel,
Schlessinger Residence,
St. Mary's Institute.

MINNEAPOLIS, MINN.

Boston Block,
Chamber of Commerce Building,
Globe Building,
Lumber Exchange Building,
Masonic Temple Building,
National Bank of Commerce Building,
Public Library Building.

MUSKEGON, MICH.

Hackley Library Building.

NEW ORLEANS, LA.

Art Building,
Church of the Immaculate Conception,
Cosmopolitan Hotel,
Cora Building,
Herran Building.

OGDEN, UTAH.

Utah Loan & Trust Company Building,
Warner Building.

OIL CITY, PA.

National Transit Company Building.

OMAHA, NEB.

Bee Building,
Commercial Bank Building.

PALO ALTO, CAL.

Stanford Museum.

PITTSBURGH, PA.

German National Bank,
Lewis Block.

PUEBLO, COL.

Mechanics' Building,
Union Depot.

RICHMOND, IND.

Morrison-Reeves Library.

ROCHESTER, N. Y.

Keeler & Kimball Building,
Safety Deposit & Trust Company,
Sibley, Lindsay & Curr Building,
Wilder Building,
Democrat-Chronicle.

ST. LOUIS, MO.

Cupples Warehouse Building,
Portland Building,
Union Trust Company Building,
Union Depot,
Wainwright Building.

ST. PAUL, MINN.

Aberdeen Apartment House,
Endicott Building,
Germania Bank Building,
Globe Building,
Lowry Building,
Manhattan Building,
Metropolitan Opera House,
Pioneer Press Building,
Peter Pfeifer Building.

SALT LAKE CITY, UTAH.

Spencer Clawson Building.

SAN FRANCISCO, CAL.

Academy of Sciences,
Chronicle Building,

Crocker Building,
German Bank Building,
Mills Building,
Palace Hotel.

SEATTLE, WASH.

Bailey Building,
Horton Building.

TACOMA, WASH.

Merchants' National Bank,
Pierce County Court House.

UXBRIDGE, MASS.

Uxbridge Library.

WASHINGTON, D. C.

Hotel Raleigh.

WEST SUPERIOR, WIS.

Minot Building.

UNITED STATES CUSTOMHOUSE AND POSTOFFICE AT

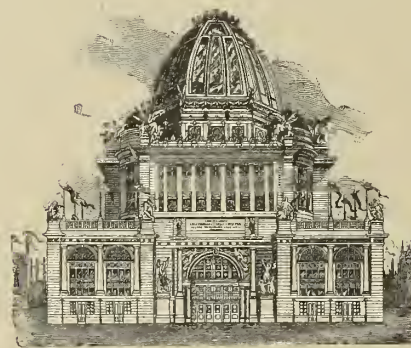
Circleville, Ohio;
Columbus, Ohio;
Council Bluffs, Iowa;
Fairfield, Iowa;
Findlay, Ohio;
Galveston, Texas;
Hannibal, Mo.;
Kansas City, Mo.;
Peoria, Ill.

BERLIN, GERMANY.

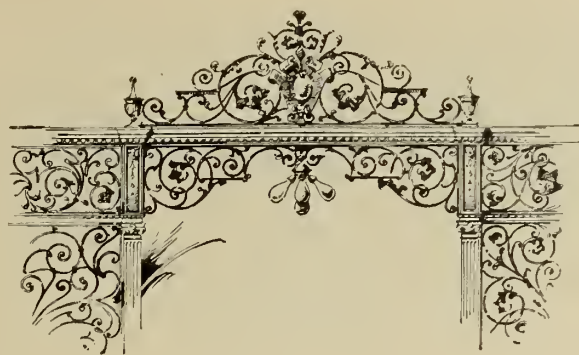
Equitable Building.

GUANAJUATO, MEXICO.

Theater Building.



ADMINISTRATION BUILDING, COLUMBIAN EXPOSITION.



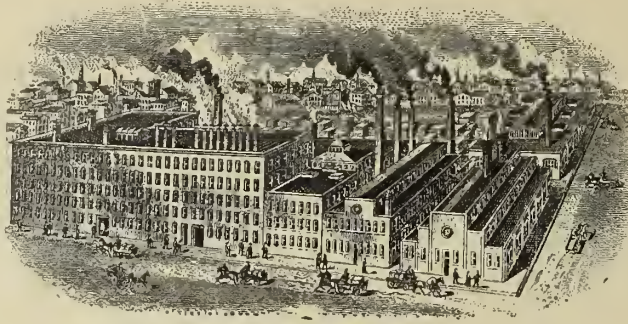
Names of Architects of the Principal Public and Office Buildings

IN WHICH

THE WINSLOW BROS. CO.

HAVE EXECUTED ORNAMENTAL IRON WORK.

- | | |
|---|--|
| Adler & Sullivan, Chicago. | Koch, H. C. & Co., Milwaukee, Wis. |
| Andrews, Jacques & Rantoul, Boston, Mass. | Kollofrath, E., San Francisco, Cal. |
| Atwood, C. B., Chicago. | Mix, E. T., St. Paul. |
| Bauman & Hucl, Chicago. | Nolan, Nolan & Stearns, Rochester, N. Y. |
| Beman, S. S., Chicago. | Patton & Fisher, Chicago. |
| Boone & Wilcox, Seattle, Wash. | Percy & Hamilton, San Francisco, Cal. |
| Boyington, W. W. & Co., Chicago. | Perkins, Dwight H., Chicago. |
| Brown, A. Page, San Francisco, Cal. | Reed & Stein, St. Paul, Minn. |
| Brown, C. H., Los Angeles, Cal. | Richardson, H. H., Boston. |
| Buffington, L. S., Minneapolis, Minn. | Rivas & Malo, Mexico City, Mexico. |
| Burchmer, C. W., St. Paul, Minn. | Roberts, Jno. W., Denver, Col. |
| Burnham & Root, Chicago. | Saunders & Houghton, Seattle, Wash. |
| Church & Jobson, Chicago. | Schweinfurth, C. F., Cleveland, O. |
| Cobb, Henry Ives, Chicago. | Shepley, Ruttan & Coolidge, Boston, Mass. |
| Coburn & Barnum, Cleveland, O. | Silsby, J. L., Chicago. |
| Crane & Barkhauser, Milwaukee, Wis. | Smith, Alfred, Chicago. |
| Curtis & Archer, Oil City. | Smith, W. F., Cleveland, O. |
| Dessez, Leon E., Washington, D. C. | Smith, W. S., Chicago. |
| Eames & Young, St. Louis, Mo. | Sprague & Newell, Pueblo, Col. |
| Edbrooke & Co., Denver, Col. | Sully, Thos., New Orleans, La. |
| Ellis, F. M., Omaha, Neb. | Thomas & Rapp, Chicago. |
| Elzner, A. O., Cincinnati, O. | Treat & Foltz, Chicago. |
| Fife, W. W., Ogden, Utah. | Van Brunt & Howe, Boston, Mass., and
Kansas City, Mo. |
| Fitzpatrick & Traphaven, Duluth, Minn. | Van Osdel, J. M. & Co., Chicago. |
| Flanders & Zimmerman, Chicago. | Warner & Brackett, Rochester, N. Y. |
| Freret, Jas., New Orleans, La. | Warner & Swasey, Cleveland, O. |
| Gilbert & Taylor, St. Paul, Minn. | Warner, J. Foster, Rochester, N. Y. |
| Handy & Cady, Chicago. | Warren, Clinton J., Chicago. |
| Holabird & Roche, Chicago. | Whitehouse, F. M., Chicago. |
| Hunt, R. M., New York. | Winslow & Wetherell, Boston, Mass. |
| Hutchinson & Davis, Denver, Col. | Wood, J. M., Memphis, Tenn. |
| Jenney & Mundie, Chicago. | Wyman, Geo. H., Los Angeles, Cal. |
| Jenney, W. L. B., Chicago. | |
| Kletting, R., Salt Lake, Utah. | |



Works of The Winslow Bros. Co.,

CARROLL AVE., ADA AND FULTON STS.,
CHICAGO.



THE principal office and works of the company occupy a group of brick buildings having a total street frontage of about 840 feet and occupying an area near equal to a city block.

Intersecting alleys afford ready access and abundant light and ventilation.

The entrance to the principal office of the company is at No. 376 Carroll Avenue.

When run at their full capacity, from 700 to 800 skilled mechanics and their helpers are employed.

The business is conducted under responsible supervision in twelve distinct departments, as follows:

Department No. 1. The Business Office, located on the second floor of the main building.

Department No. 2. The Pattern Shop, occupying 7,000 square feet of floor space, lighted from above.

Department No. 3. The Modeling Room.

Department No. 4. The Foundry occupies the one-story structure at the right in the cut covering a floor space of 113 by 300 feet.

Department No. 5. The Blacksmith Shop for heavy work adjoins the Foundry.

Department No. 6. The Fitting and Finishing Shop occupies 3,400 square feet of floor space on the ground floor in the eastern section of the main building.

Department No. 7. Polishing and Grinding.

Department No. 8. Electrographing.

Department No. 9. Electroplating.

Department No. 10. Grille Work. This department occupies the third and fourth floors of the main building, with a floor area of 20,400 square feet.

Department No. 11. The Art Blacksmith occupies the entire fifth floor.

Department No. 12. The "Bower-Barff" Furnace. This is the largest furnace in the country and is operated under the original English patents.



MEXICAN EAGLE—MEXICAN EXHIBIT, COLUMBIAN EXPOSITION.

Cast Iron, Bronze Electroplate.

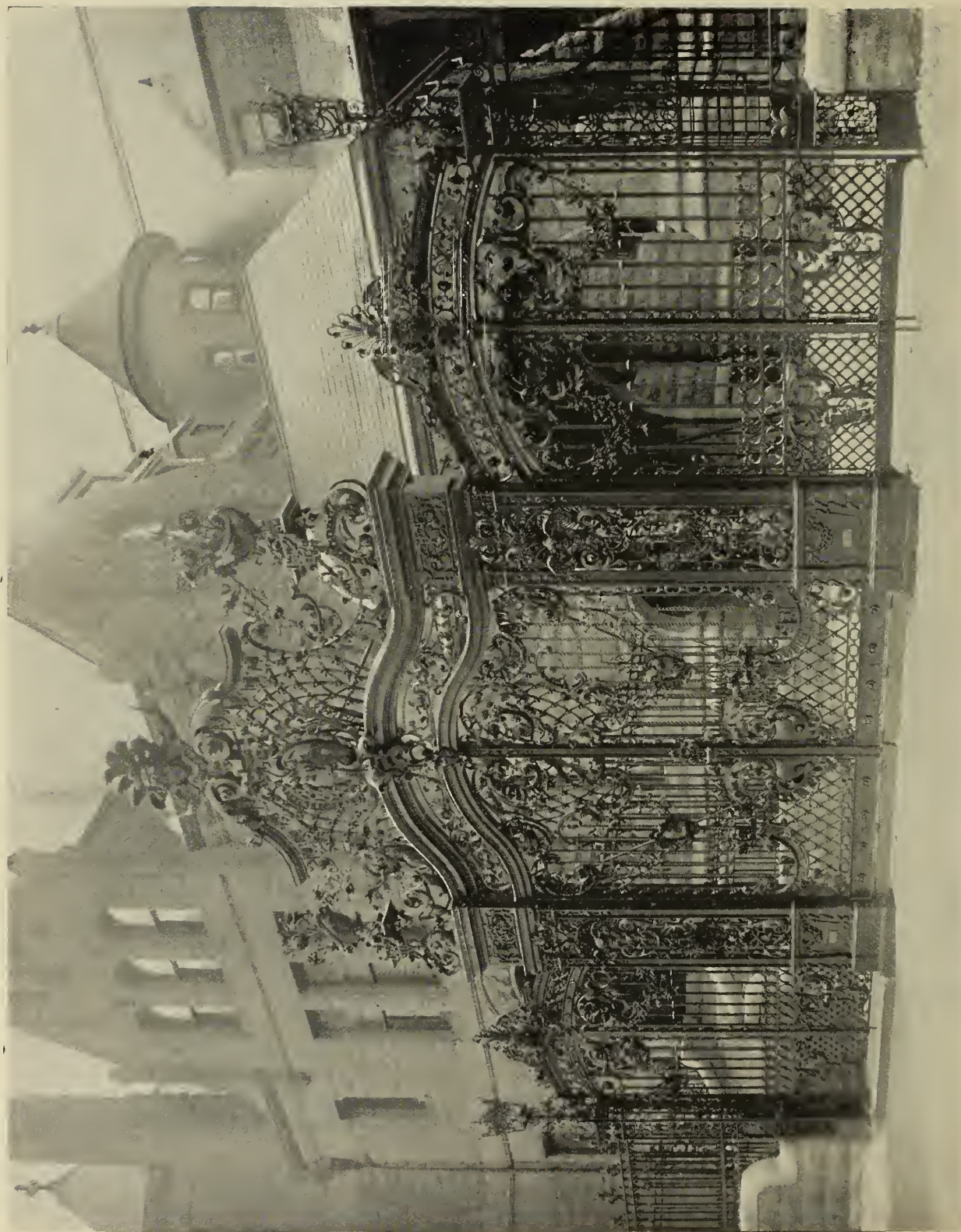
Gates and Gateways.



AMERICAN GATEWAY.

Wrought Iron, Hammered Leaf Work. Wrought by hand. Awarded Highest Honors at Columbian Exposition.
Gate and corresponding fence now on General Torrence grounds (see next page.)

Gates and Gateways.



THE TORRENCE GATEWAYS, LAKE SHORE DRIVE AND BELLEVUE PLACE, CHICAGO.

Wrought Iron, Hammered Leaf Work.

Gates and Gateways.



WROUGHT IRON, HAND FORGED, TORRENCE GATEWAY.— DETAILS.

Gates and Gateways.



REPLICA OF A PANEL OF THE GATEWAY, MAISONS-SUR-SEINE.

Produced in Swedish Iron by THE WINSLOW BROS. CO. Original by Francois Mansart, 17th Century.

Gates and Gateways.

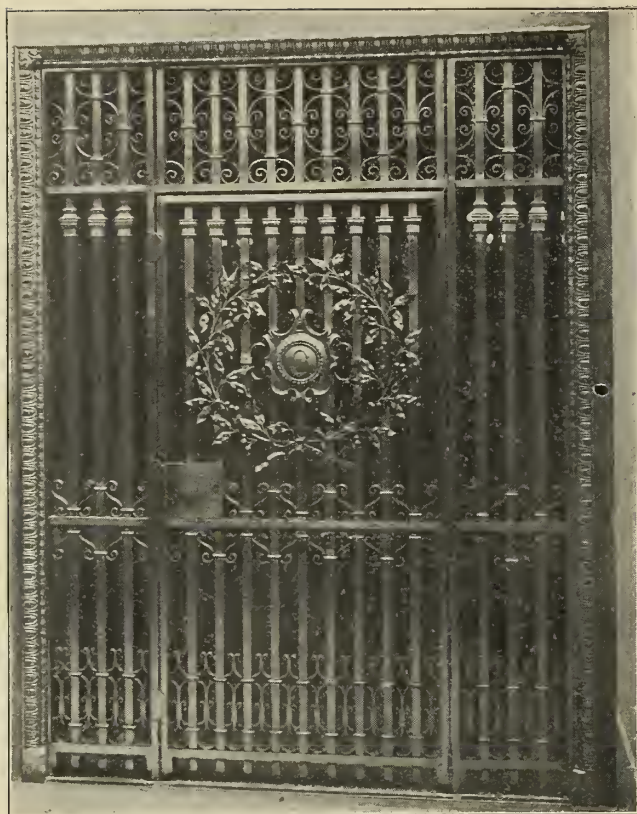


PASSAGE GATEWAY, SOCIETY FOR SAVINGS BUILDING, CLEVELAND, O.

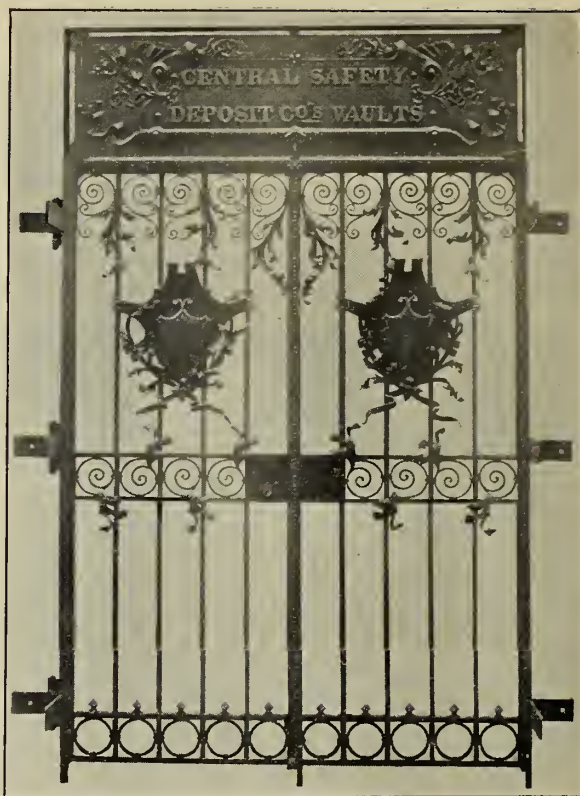
Wrought Iron, Hammered Leaf Work.

(Design by John W. Root.)

Gates and Gateways.



A.—GATE TO SAFETY DEPOSIT, COLUMBUS MEMORIAL BUILDING, CHICAGO.
Wrought Iron, Hammered Leaf Work, Duplex-plated, Statuary Bronze.



B.—ENTRANCE GATES TO DEPOSIT VAULTS, ROOKERY, CHICAGO.
Wrought Iron, Hammered Leaf.

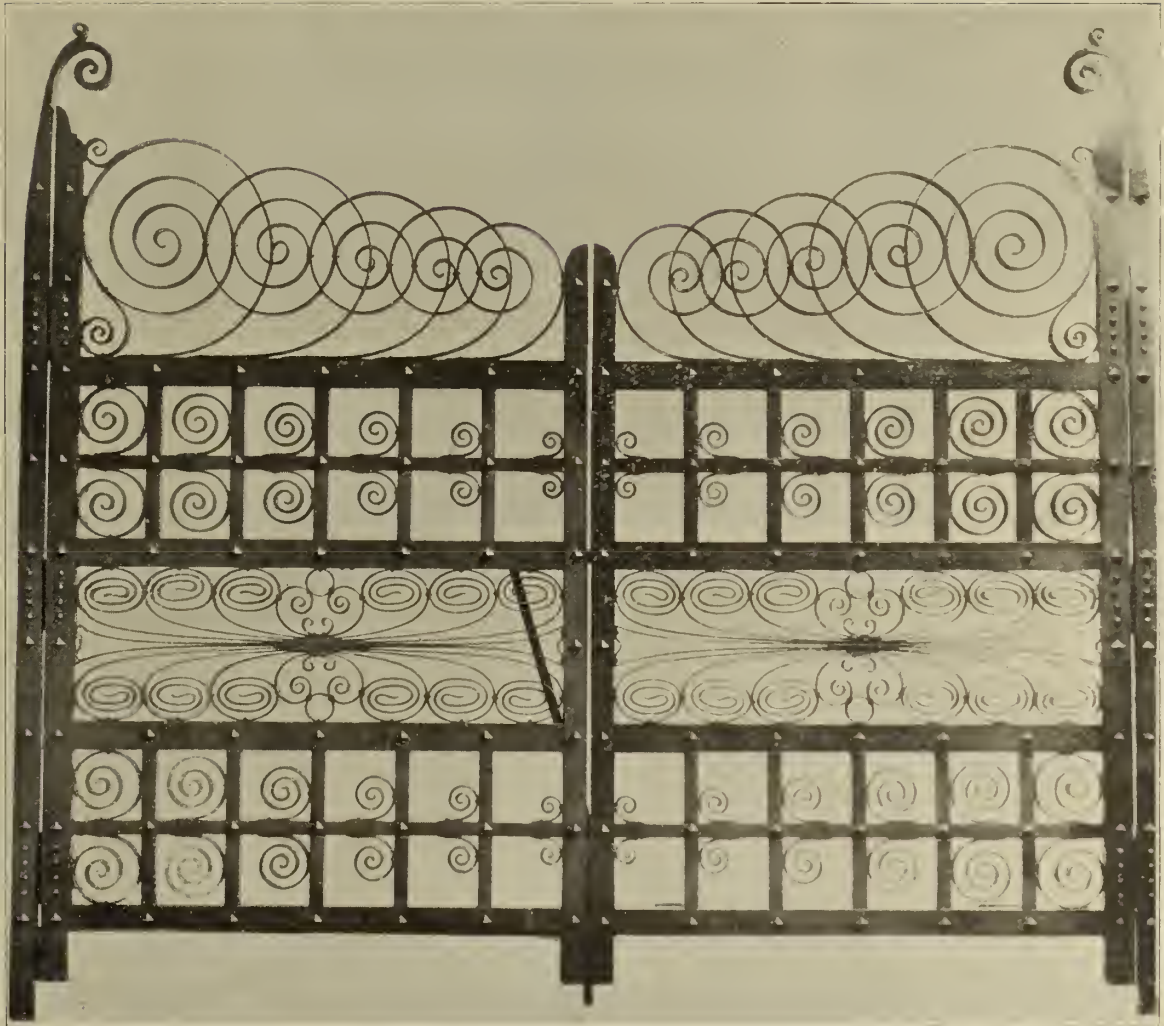


C.—ENTRANCE GATES, GERMAN BANK BUILDING, SAN FRANCISCO.
Wrought Iron, Bower-Barffed.



D.—ENTRANCE GATES, CONTINENTAL NATIONAL BANK, OMAHA.
Wrought Iron, Hammered Leaf Work.

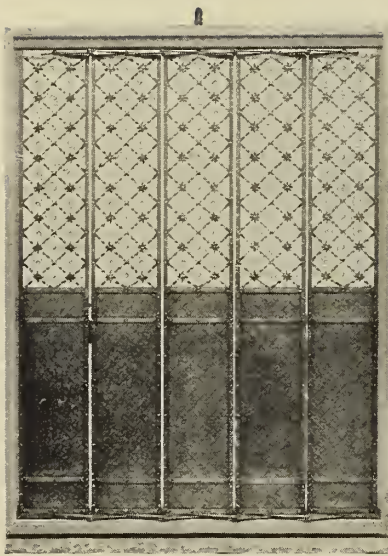
Gates and Gateways.



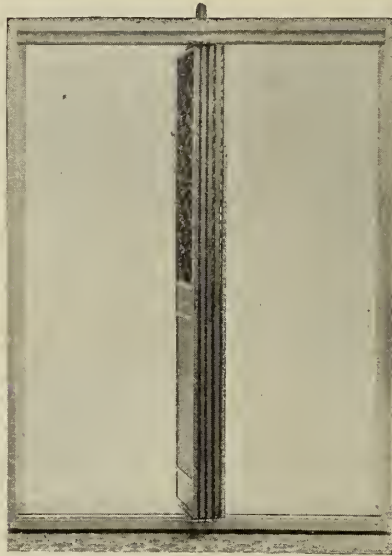
A GATEWAY.—WROUGHT IRON.

Gates and Gateways.

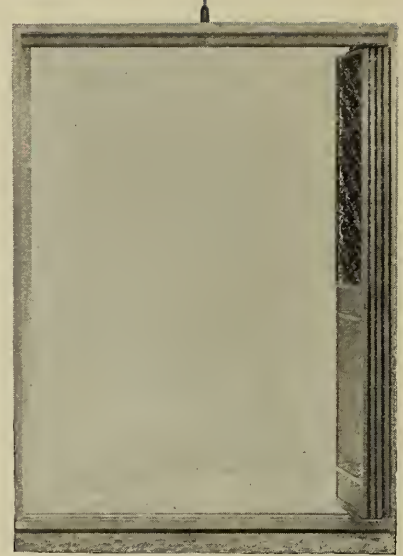
FOR ELEVATOR INCLOSURES.



No. 1.



No. 2.

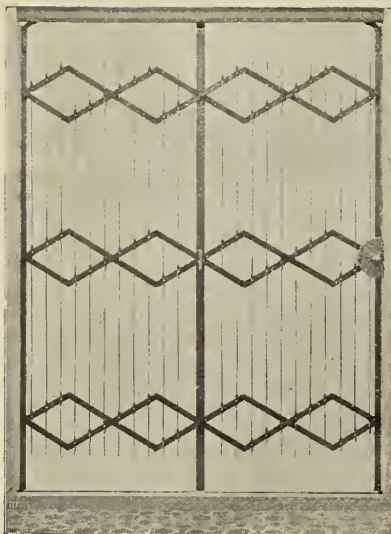


No. 3.

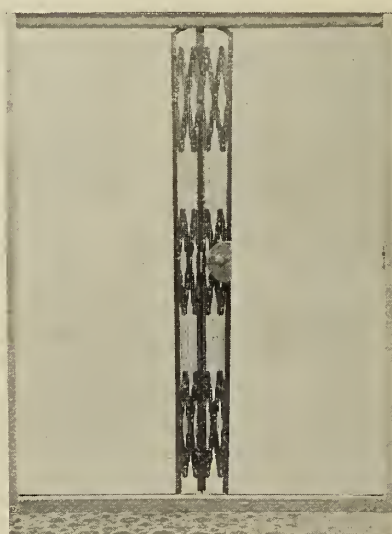
FOLDING GATES FOR ELEVATOR CARS AND INCLOSURES.

Designed and Patented by Poulson & Eger, New York.

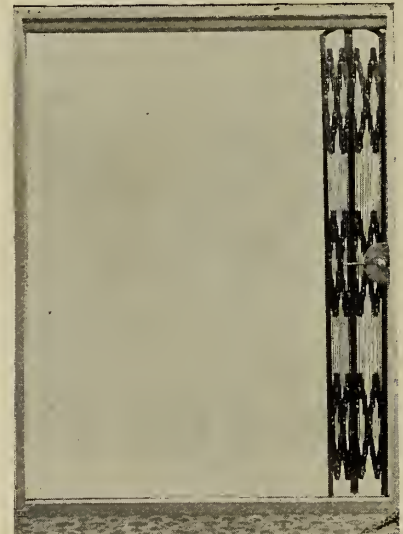
FOR ELEVATOR CARS.



No. 4.



No. 5.



No. 6.

No. 1. Gates closed.

No. 2. Gates open for passengers.

No. 3. Gates open for freight.

No. 4, No. 5 and No. 6. The same principles applied to Gates for Elevator Cars.

THE WINSLOW BROS. CO., AGENTS FOR PATENTEES.

Stairs and Stair Railings.



ORIEL STAIRWAY, FIRST FLOOR, MILLS BUILDING, SAN FRANCISCO.

Stringers and Risers of Cast Iron, Electroplated in Bronze. Rail Wrought Iron, Hammered Leaf Work, Bower-Barffed.

Stairs and Stair Railings.



STAIRWAY, GALLERY OF FINE ARTS, WORLD'S FAIR.

Cast Iron.

Stairs and Stair Railings.



MAIN STAIRWAY, COLUMBUS MEMORIAL BUILDING, CHICAGO.

Electroplated Cast Iron. Newel Posts finished in Fire Gilt.

Stairs and Stair Railings.



INTERIOR COURT, BRADBURY BUILDING, LOS ANGELES, CAL.

Elevator Inclosures, Stair and Balcony Railings Wrought Iron, Hammered Leaf Work, Bower-Barfed.

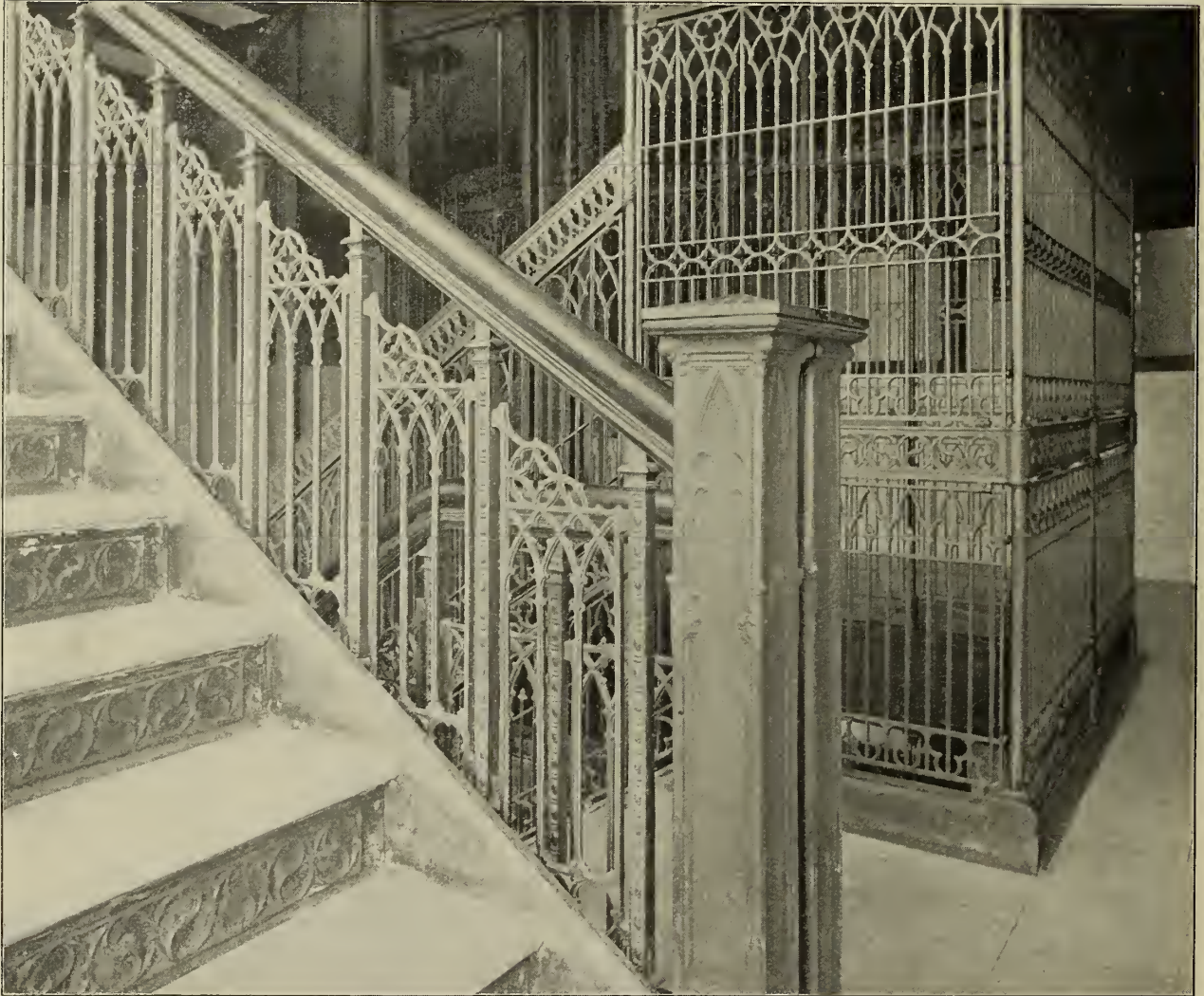
Stairs and Stair Railings.



MAIN STAIRWAY, FIRST FLOOR, ARMOUR INSTITUTE, CHICAGO.

Stringers Cast Iron ; Railing Wrought Iron, Hammered Leaf Work. Newels Electroplated in Bronze.

Stairs and Stair Railings.



MAIN STAIRWAY, ISABELLA BUILDING, CHICAGO.

Cast Aluminium.

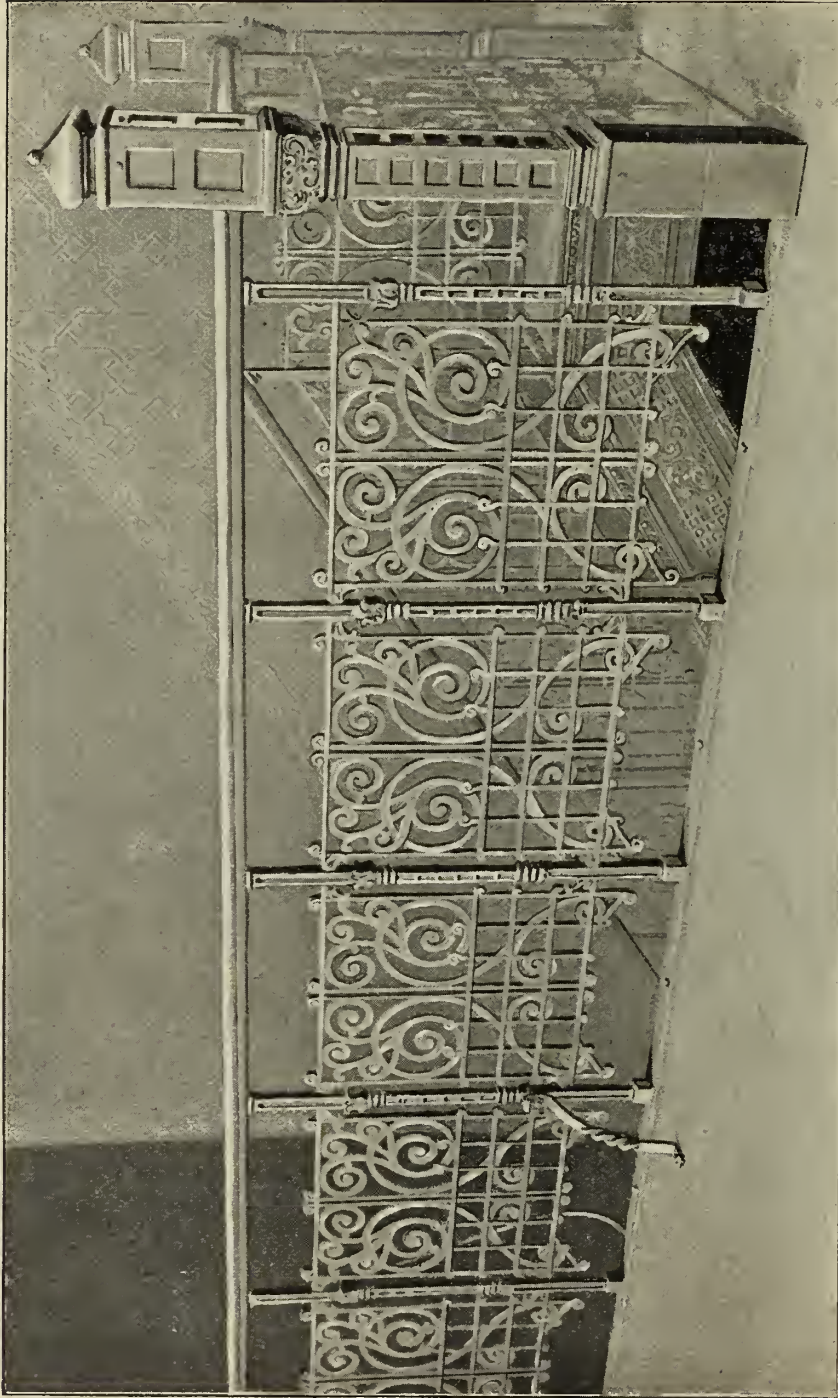
Stairs and Stair Railings.



MAIN STAIRWAY, SECOND FLOOR LANDING, ARMOUR INSTITUTE, CHICAGO.

Cast Iron, Electroplated in Bronze.

Stairs and Stair Railings.



STAIR RAILING, BOSTON BLOCK, MINNEAPOLIS, MINN.

Electro Bronze Finish.

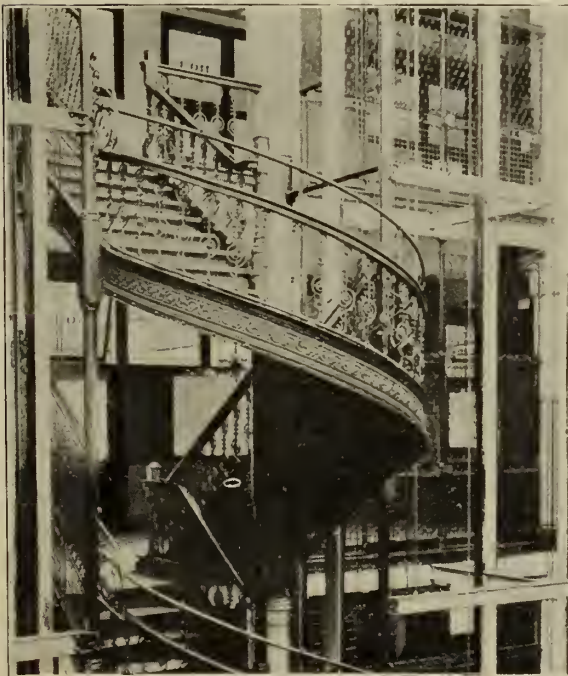
Stairs and Stair Railings.



A.—STAIRWAY, MONADNOCK BUILDING, CHICAGO.
Cast Aluminium.



B.—STAIR RAILING, OLD COLONY BUILDING, CHICAGO.
Wrought Iron, Hammered Leaf Work, Stringer and Newels
Bronze Electroplate.

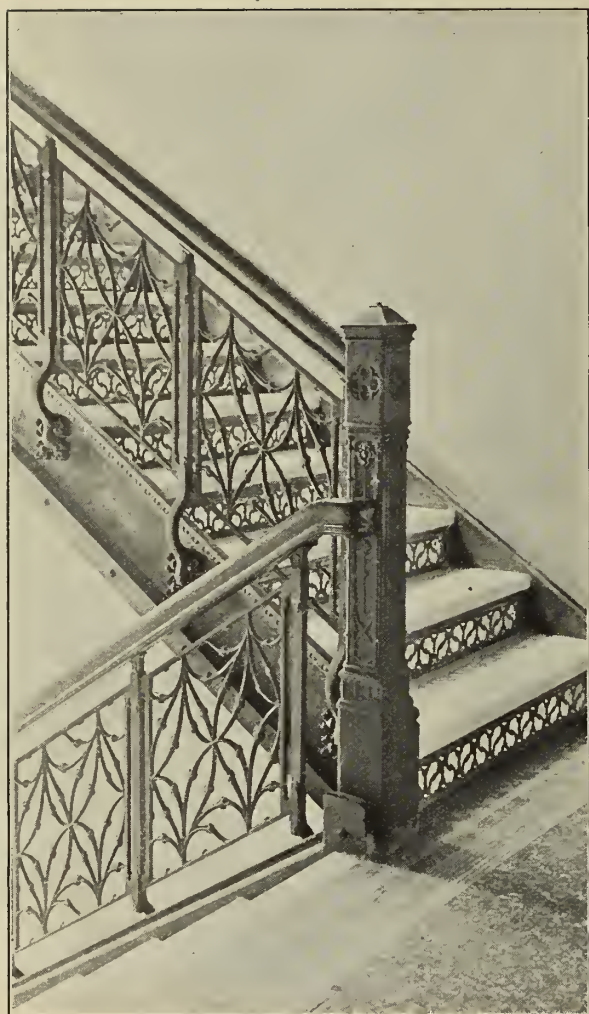


C.—SPIRAL STAIRCASE, PIONEER PRESS BUILDING,
ST. PAUL.
Wrought Iron



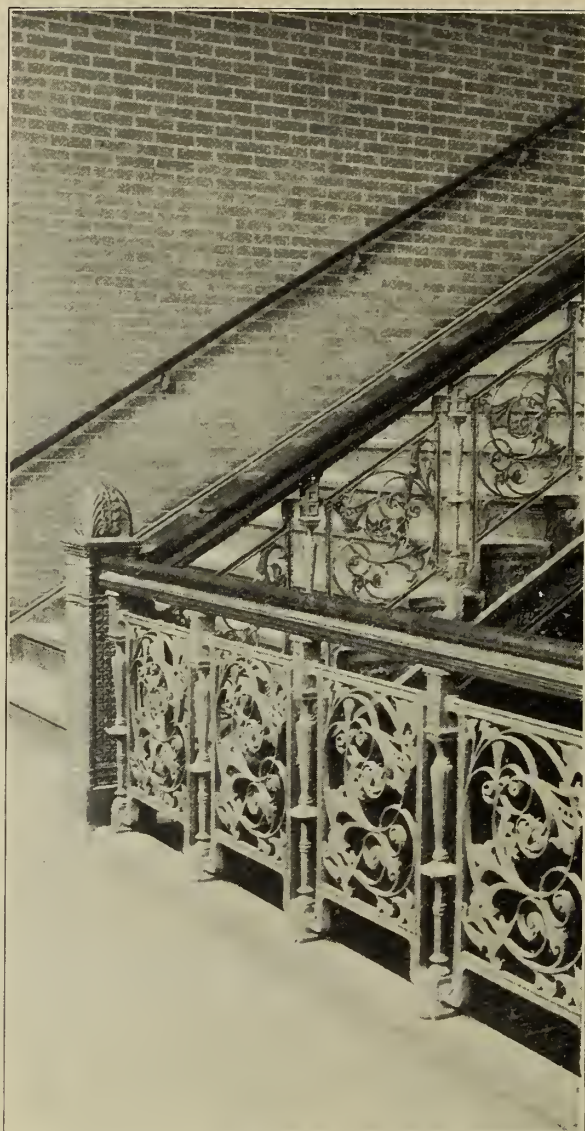
D.—STAIR RAILING, COLUMBUS MEMORIAL BUILDING,
CHICAGO.
Bronze.

Stairs and Stair Railings.



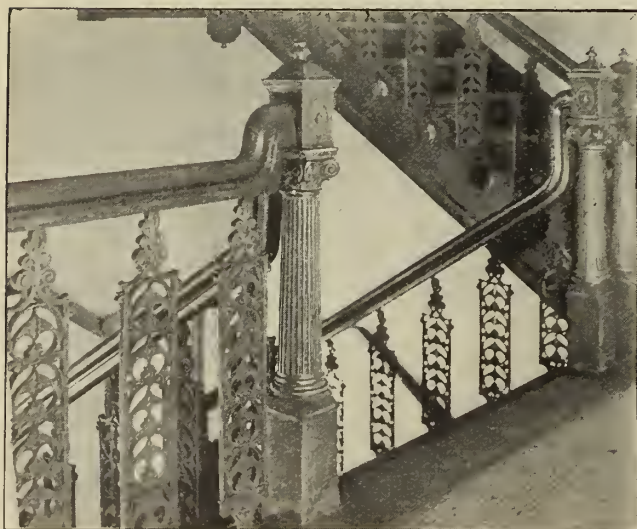
A.—STAIRWAY, UPPER FLOORS, THE WOMAN'S TEMPLE, CHICAGO.

Cast Iron, Bower-Barred.



B.—STAIRWAY, PUBLIC LIBRARY BUILDING, MINNEAPOLIS, MINN.

Nickel-plated.



C.—STAIRWAY, PABST BUILDING, MILWAUKEE.

Electroplated in Bronze.

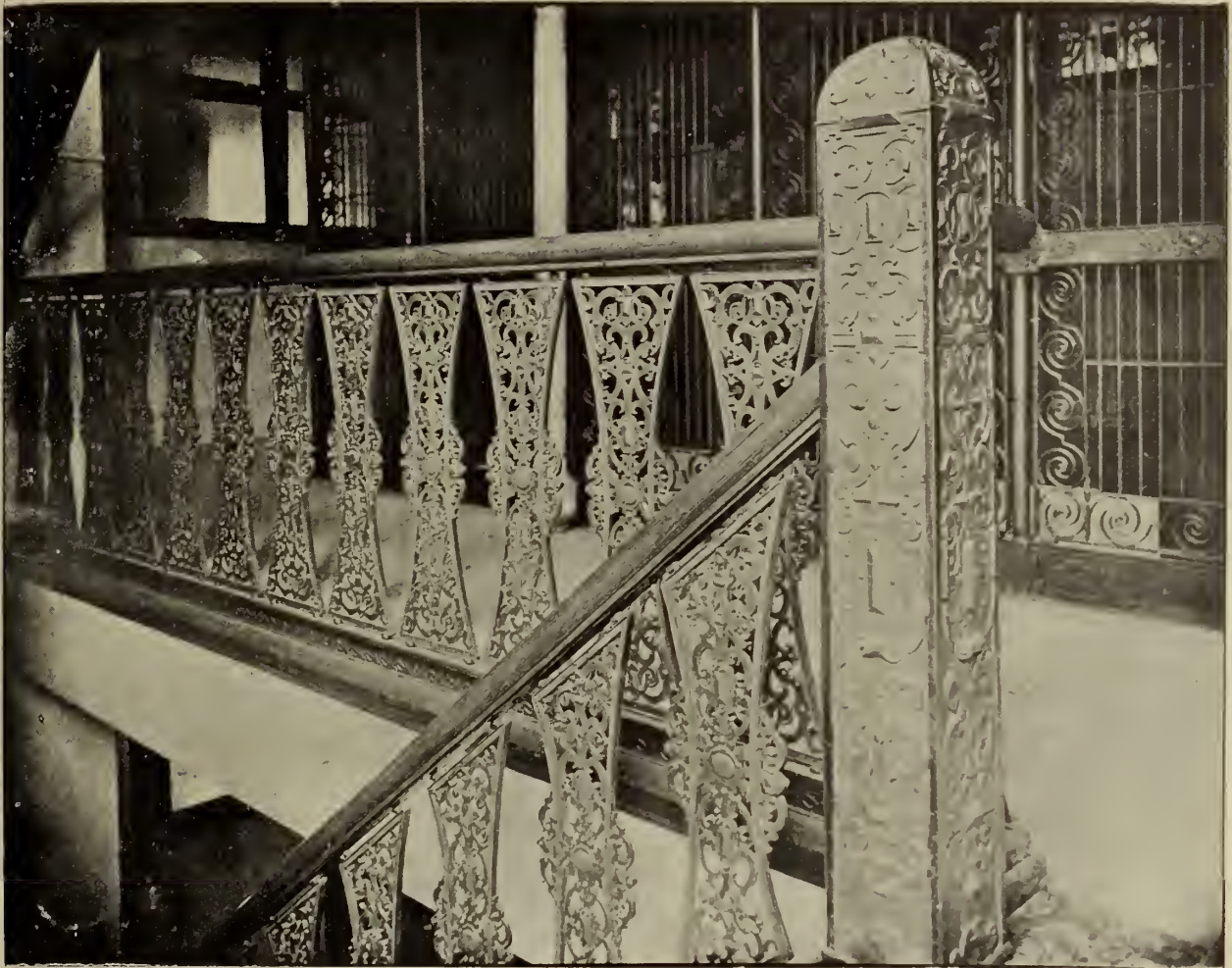


D.—MAIN STAIRWAY, CHICAGO STOCK EXCHANGE.

Cast Iron, Bronze Electroplated.

(Design by L. H. Sullivan.)

Stairs and Stair Railings.



A.—STAIR RAILING, TEUTONIC BUILDING, CHICAGO. Cast Iron, Bower-Barffed.



B.—STAIRCASE, ENTRANCE HALL, RESIDENCE OF A. V. ARMOUR, CHICAGO.

Wrought Iron, Hammered Leaf Work.



C.—MAIN STAIRWAY, PABST BUILDING, MILWAUKEE.

Cast Iron, Electroplated in Bronze.

Stairs and Stair Railings.



(A.—Perspective.)



(B.—Detail.)

STAIRS, CONTINENTAL BANK BUILDING, CHICAGO.

Wrought Iron, Hammered Leaf, Bower-Barffed. Newel, Stringer and Spandrel in Galvanoplastic.

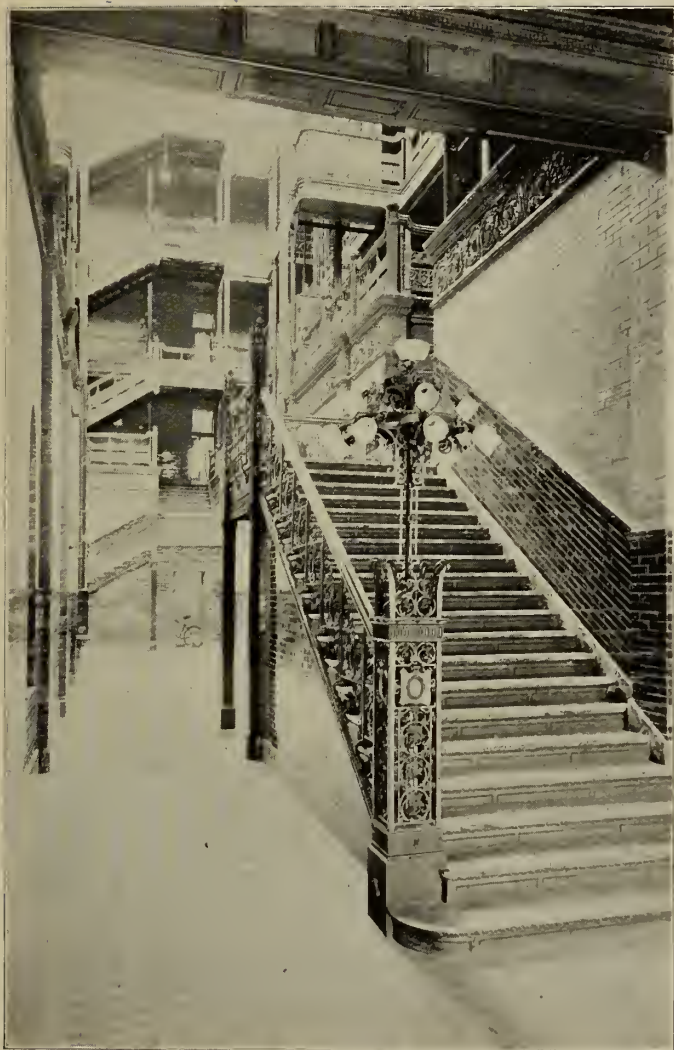


C.—STAIRWAY, VENETIAN BUILDING, CHICAGO.
Aluminium.



D.—STAIRWAY, MILLS BUILDING, SAN FRANCISCO.
Cast Iron Stringers and Risers, Rail Wrought Iron.

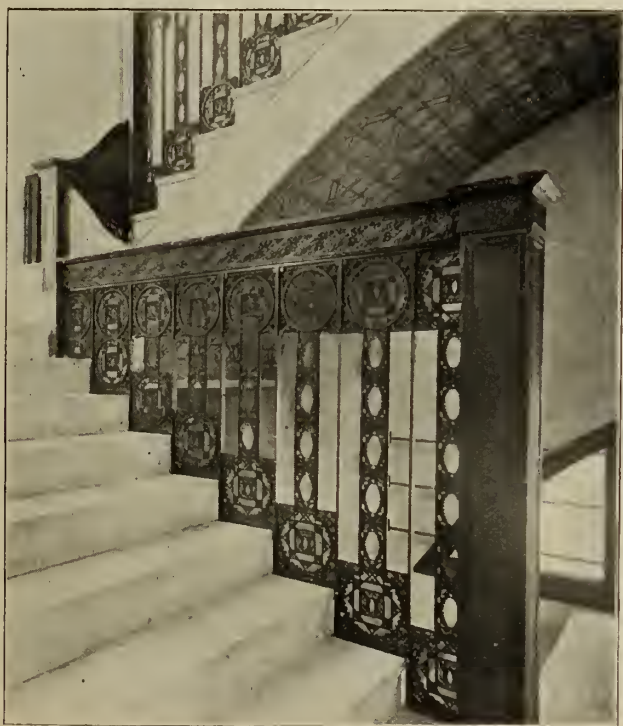
Stairs and Stair Railings.



A.—MAIN STAIRWAY, BRADBURY BUILDING, LOS ANGELES, CAL.
Wrought Iron, Bower-Barffed.



B.—MAIN STAIRWAY, OLD COLONY BUILDING, CHICAGO.
Wrought Iron, Hammered Leaf Work.

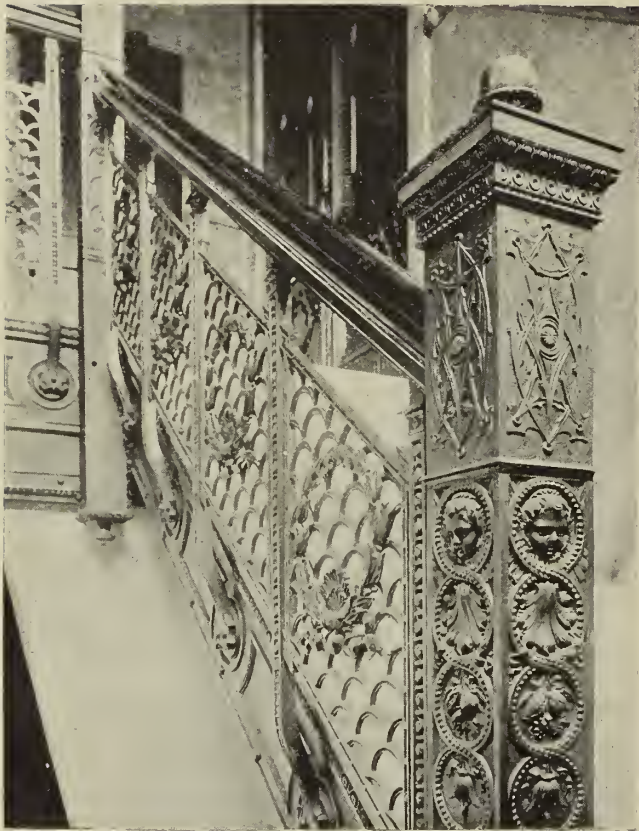


C.—MAIN STAIR RAILING, CHICAGO STOCK EXCHANGE.
Electroplated in Bronze.
(Design by L. H. Sullivan.)



D.—STAIRWAY, UPPER FLOORS, CHICAGO STOCK EXCHANGE.
Electroplated in Bronze.
(Design by L. H. Sullivan.)

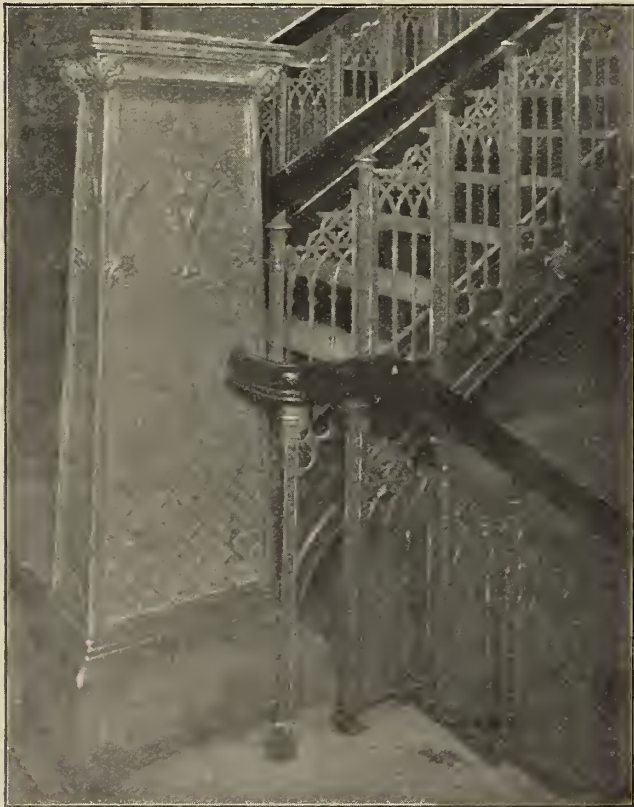
Stairs and Stair Railings.



A.—NEWEL POST, MAIN STAIRWAY, THE COLUMBUS MEMORIAL BUILDING, CHICAGO.
Cast Iron, Bronze Electroplated.



B.—STAIRWAY, ISABELLA BUILDING, CHICAGO.
Cast Aluminium.



C.—NEWEL POST, ISABELLA BUILDING, CHICAGO.
Aluminium.

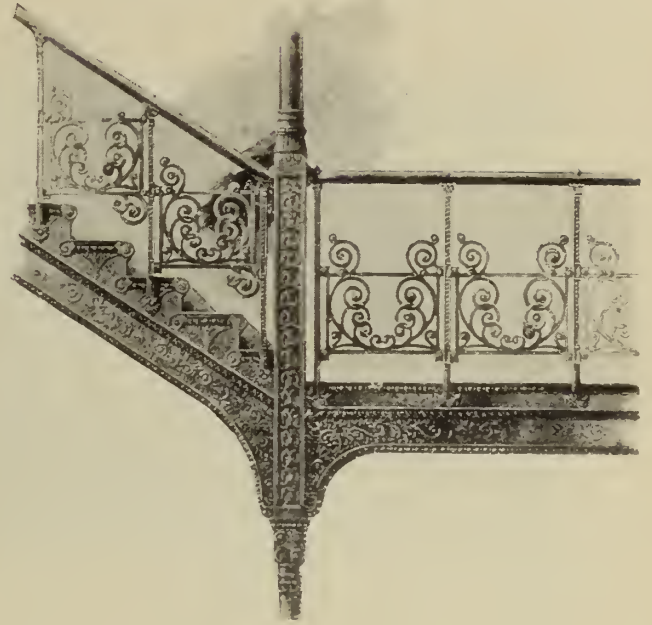


D.—STAIRWAY, TEUTONIC BUILDING, CHICAGO.
Cast Iron, Bower-Barbed.

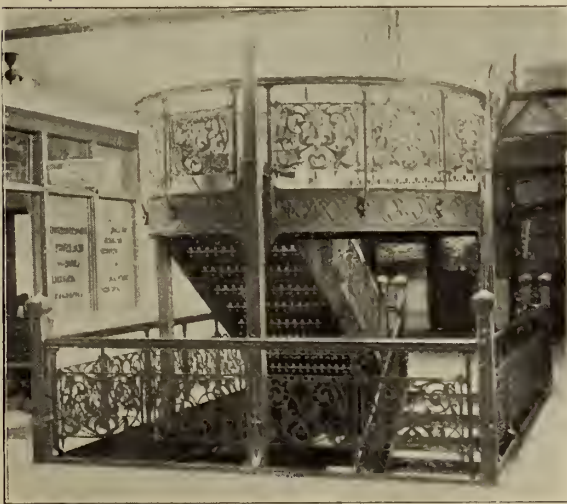
Stairs and Stair Railings.



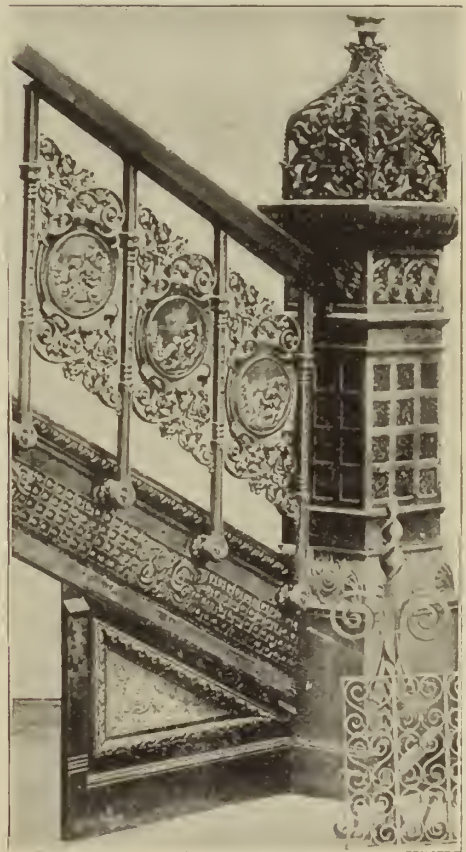
A.—SPIRAL STAIRWAY, ASSOCIATION BUILDING, CHICAGO.
Wrought Iron, Bower-Barffed.



C.—STAIR RAILING.
Wrought Iron.



B.—STAIRWAY, MONADNOCK BUILDING, CHICAGO.
Aluminium.

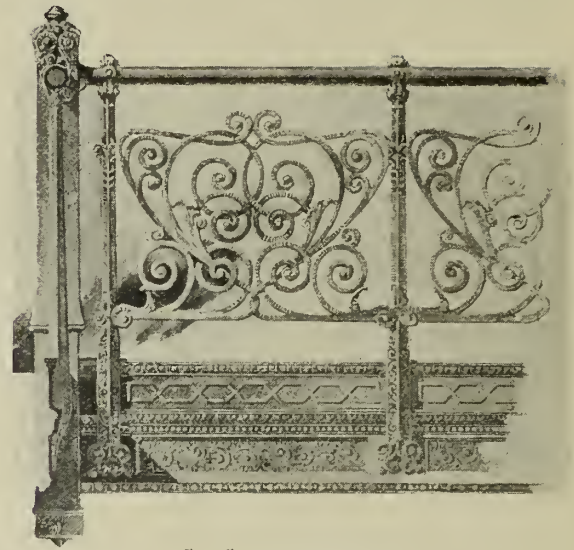


D.—STAIRWAY.
Cast Iron, Bronze Electroplate.

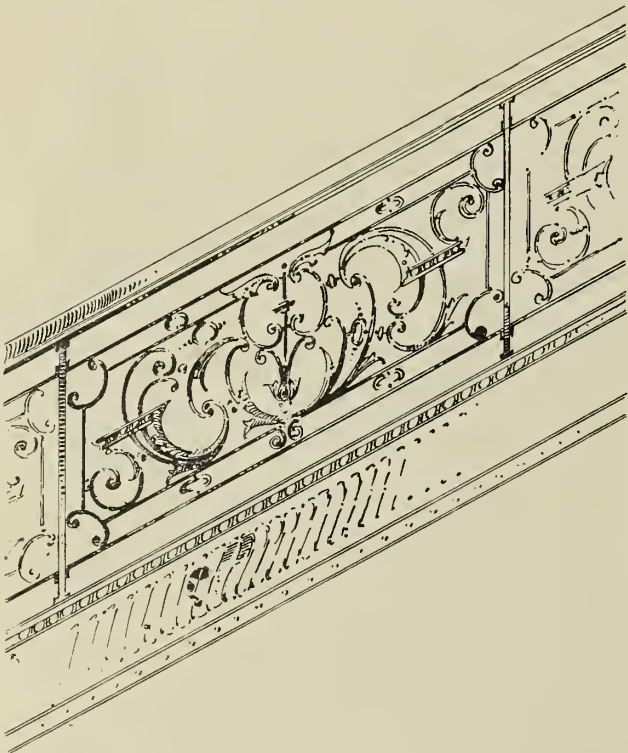
Stairs and Stair Railings.



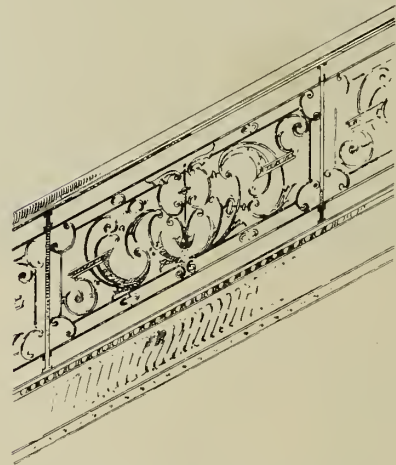
A.—ORIEL STAIRCASE, MILLS BUILDING, SAN FRANCISCO.
Wrought Iron Rail, Cast Iron Stringers and Risers.



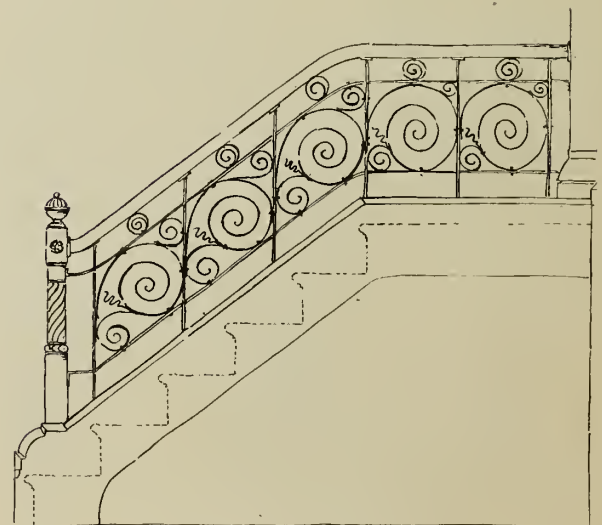
C.—STAIR RAILING.
Wrought Iron.



B.—DESIGN FOR STAIR RAILING.



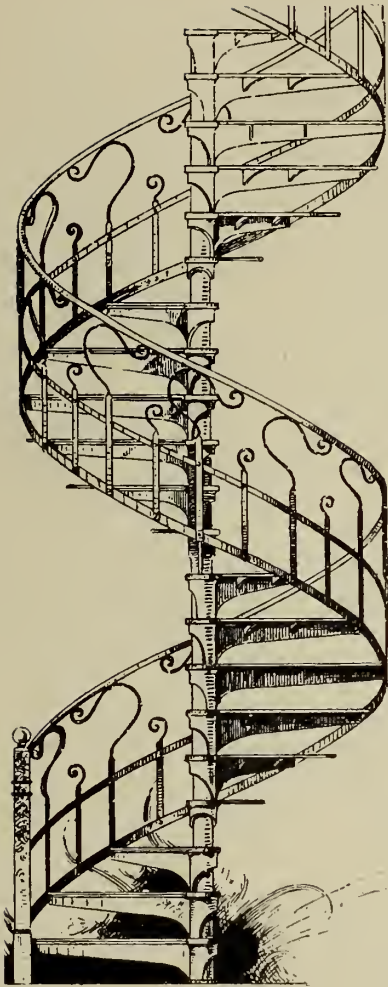
D.—DESIGN FOR STAIR RAILING.



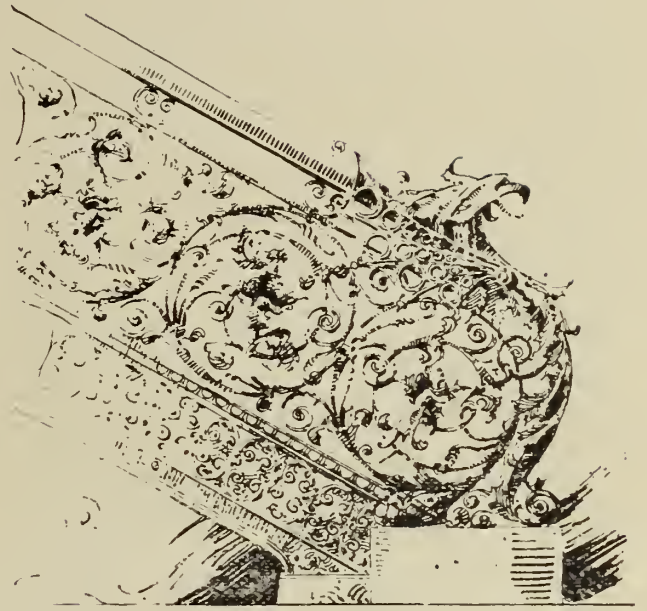
E.—DESIGN FOR STAIR RAILING.

Stairs and Stair Railings.

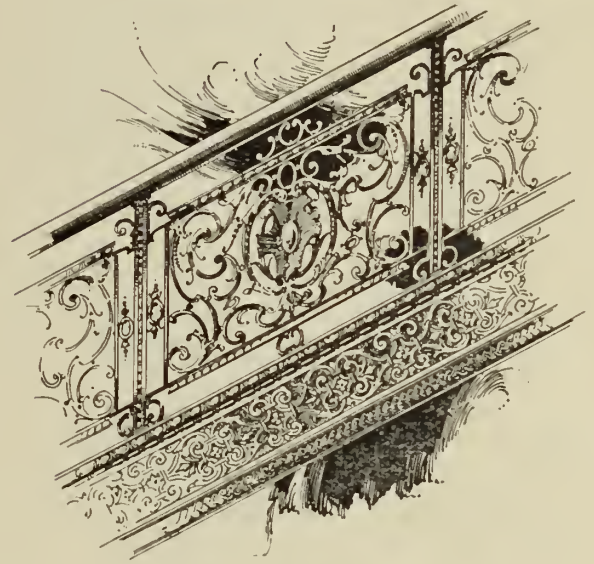
(DESIGNS FOR.)



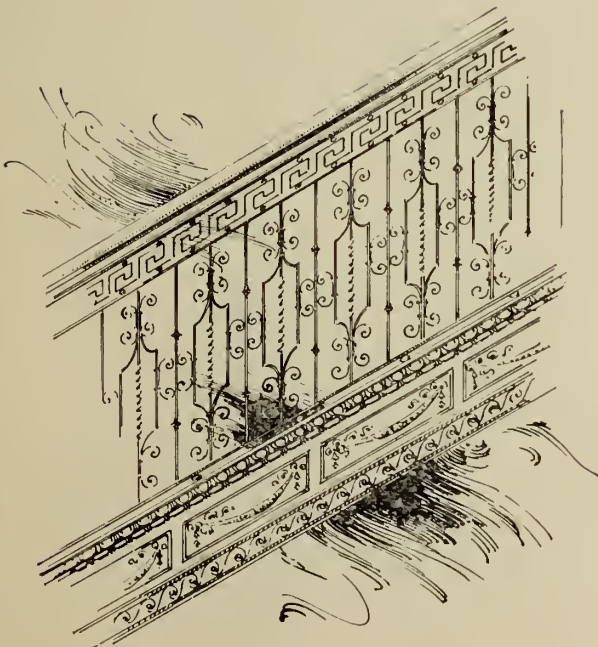
A.



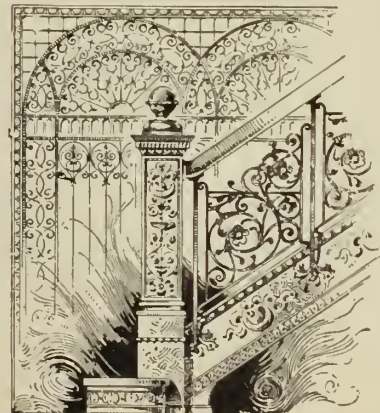
C.



D.



B.



E.

Stairs and Stair Railings.

(DESIGNS FOR.)



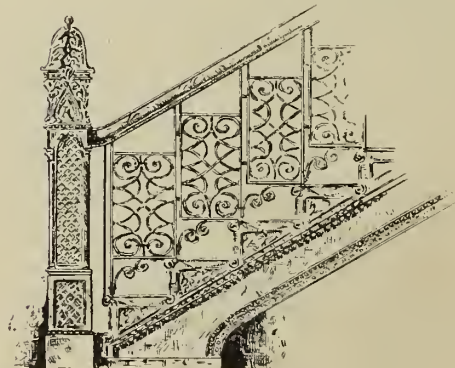
F.



G.



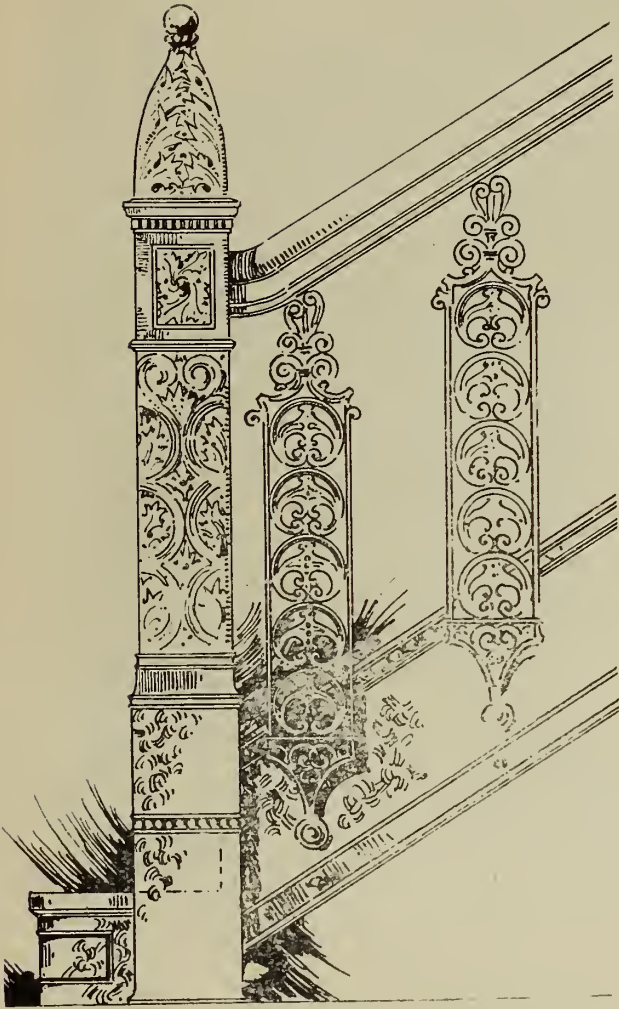
H.



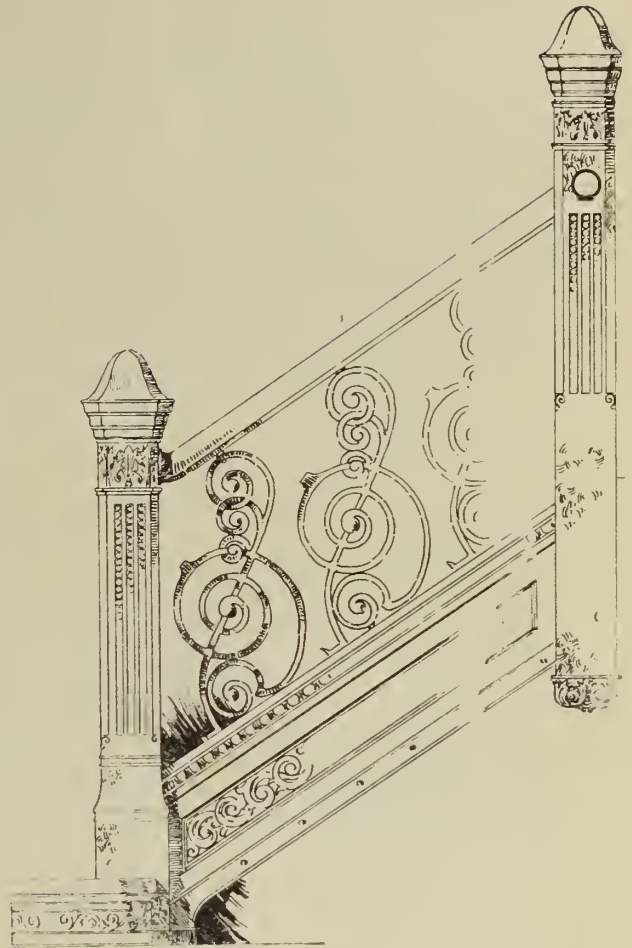
I.

Stairs and Stair Railings.

(DESIGNS FOR.)



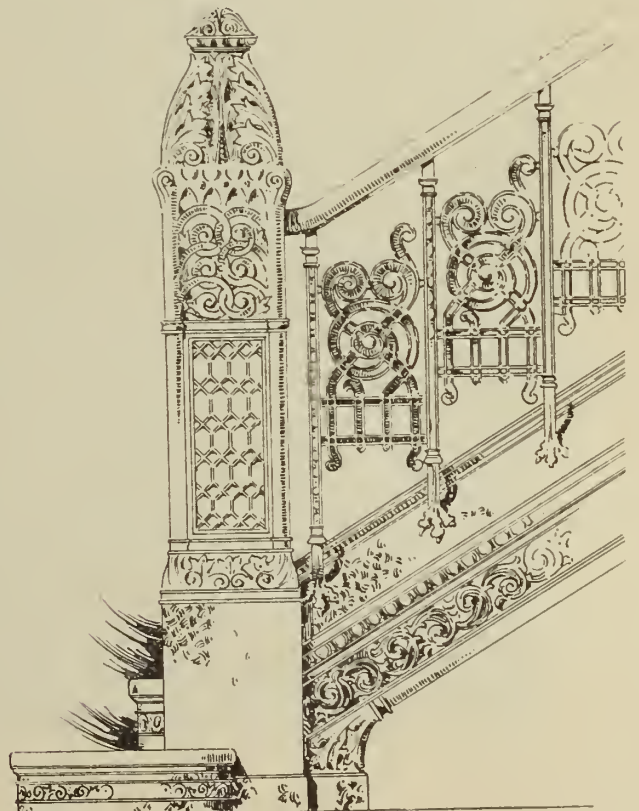
J.



L.

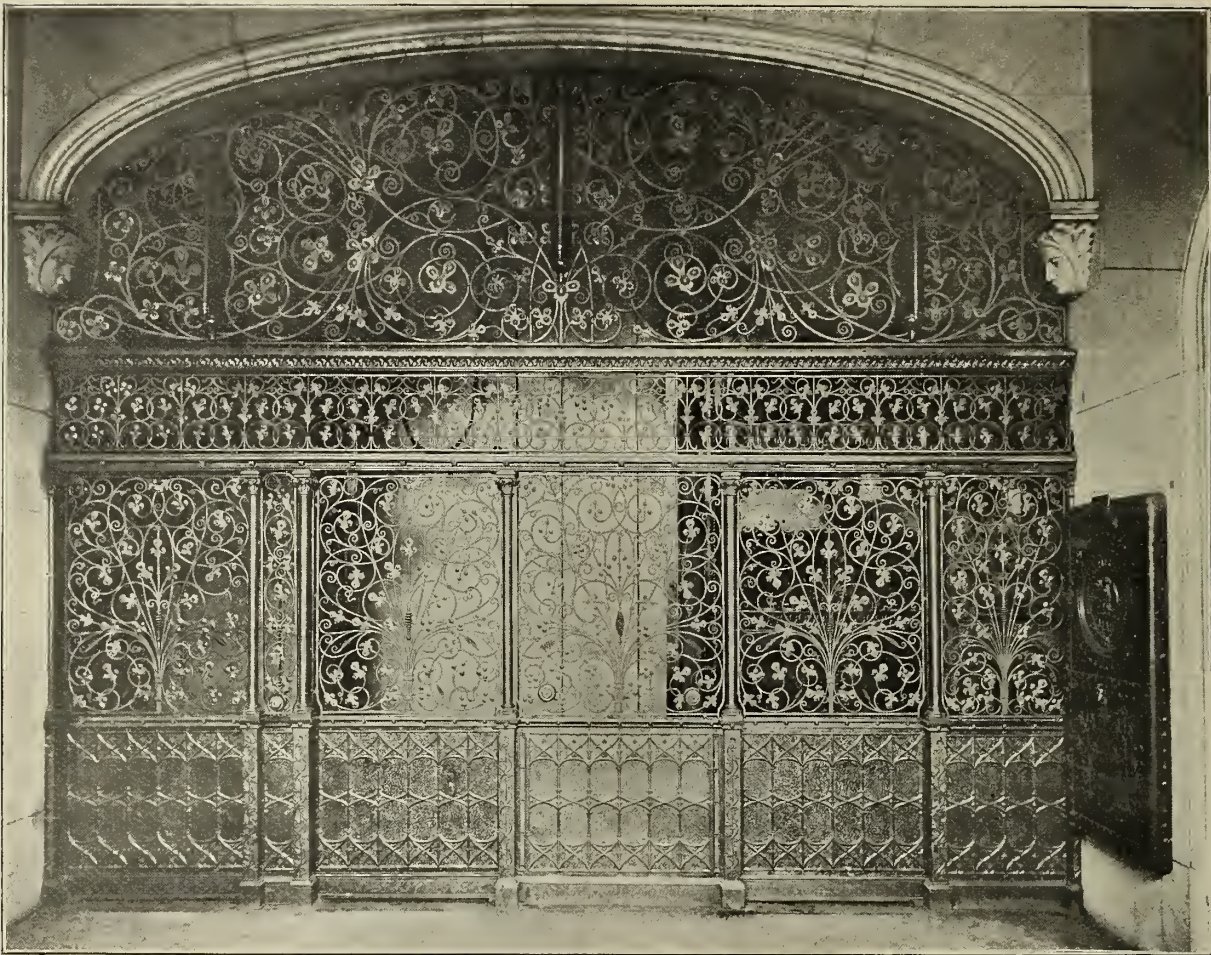


K.

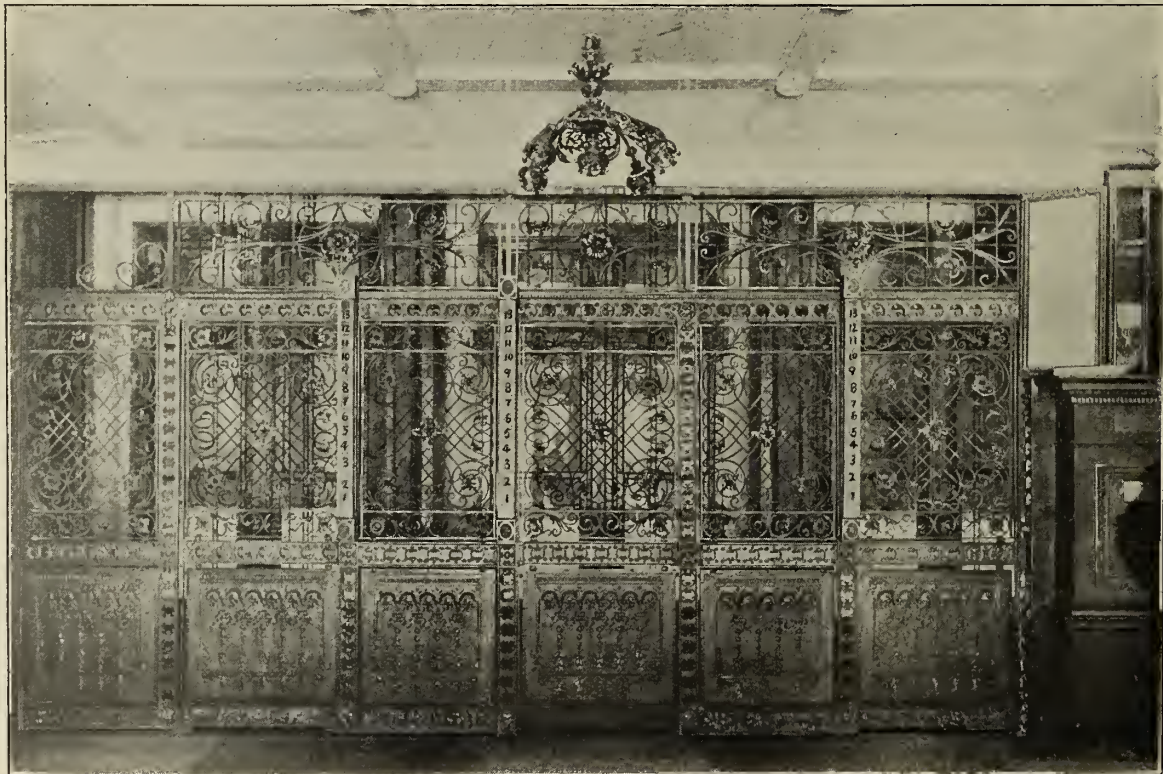


M.

Elevator Inclosures.

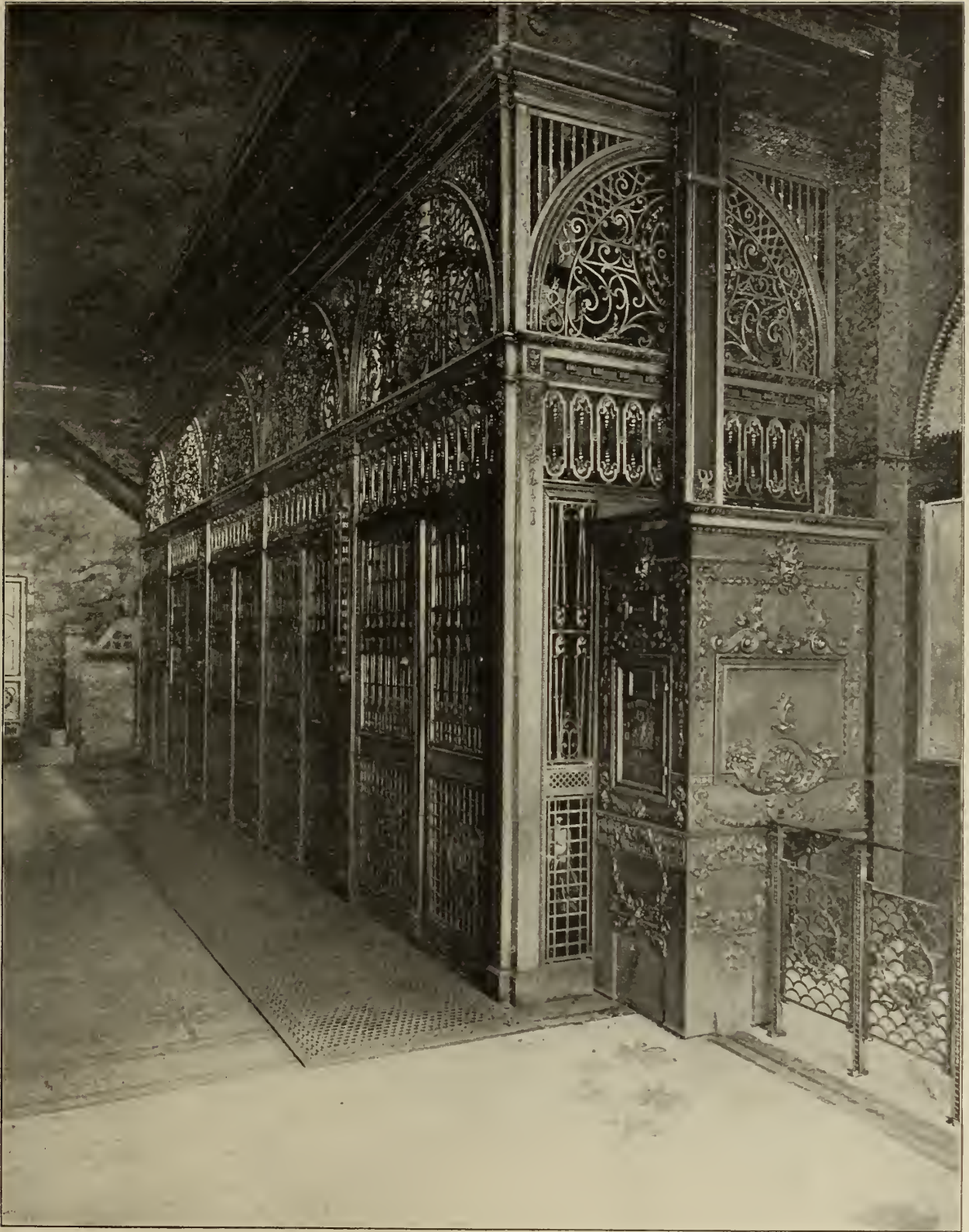


A.—ELEVATOR INCLOSURES, MAIN FLOOR, SOCIETY FOR SAVINGS BUILDING, CLEVELAND, O.
Wrought Iron, Hammered Leaf Work, Bower-Barffed.



B.—ELEVATOR INCLOSURES, PABST BUILDING, MILWAUKEE.
Wrought Iron, Hammered Leaf. Lower Panels, Etc., Galvanoplastic Bronze.

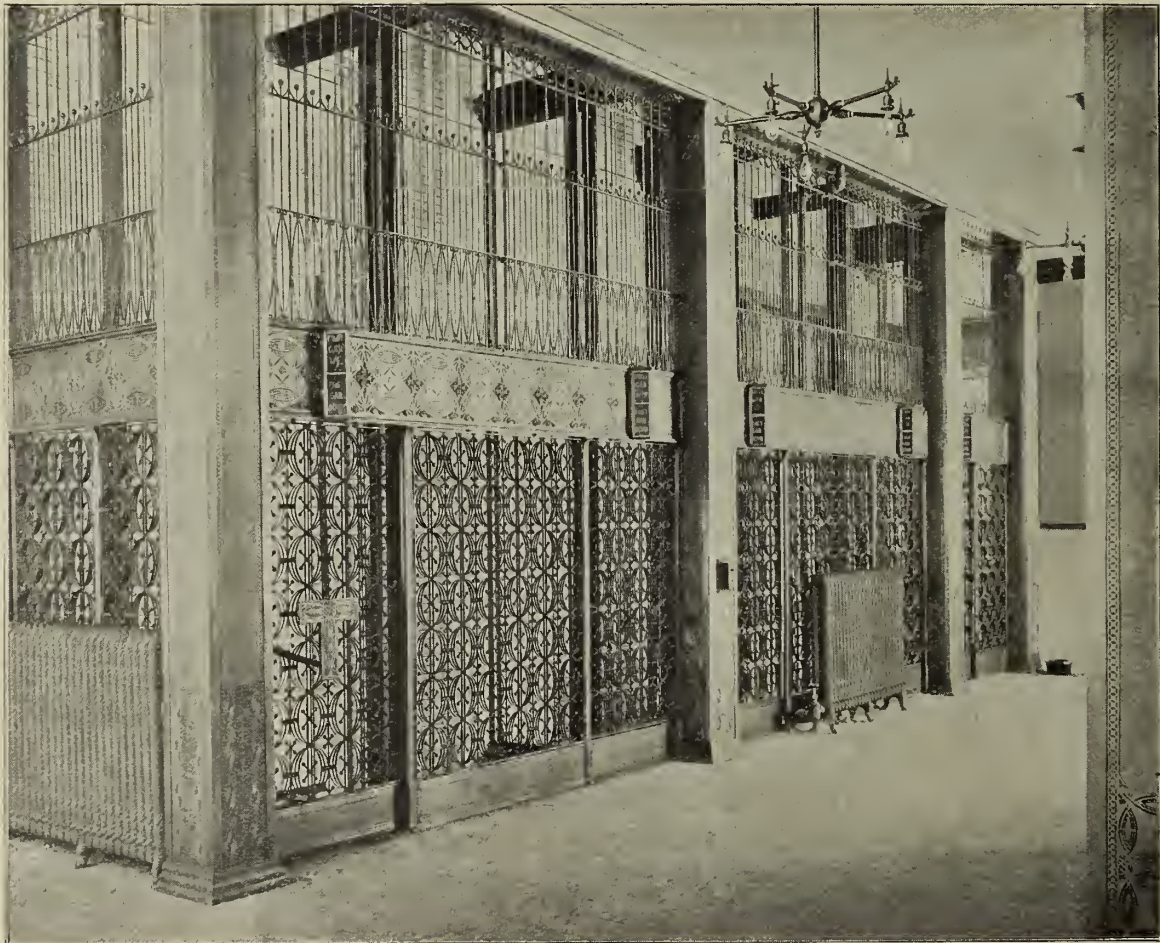
Elevator Inclosures.



ELEVATOR INCLOSURES AND MAIL BOX, COLUMBUS MEMORIAL BUILDING, CHICAGO.

Bronze.

Elevator Inclosures.



ELEVATOR INCLOSURES, MAIN FLOOR, CHICAGO STOCK EXCHANGE.

Wrought Iron, Bower-Barffed, Columns and Rails in Bronze.

(Design by L. H. Sullivan.)

Elevator Inclosures.



ELEVATOR INCLOSURES, ISABELLA BUILDING, CHICAGO.

Cast Iron, Electro-plated in Statuary Bronze.

Elevator Inclosures.



ELEVATOR INCLOSURES, UPPER FLOORS, SOCIETY FOR SAVINGS BUILDING, CLEVELAND, O.

Wrought Iron, Bower-Barffed.

Elevator Inclosures.



ELEVATOR INCLOSURES, UPPER FLOORS, CHICAGO STOCK EXCHANGE.

Wrought Iron, Mesh, Columns, Rails, Etc., in Bronze.

(Design by L. H. Sullivan.)

Elevator Inclosures.



ELEVATOR INCLOSURES, MAIN FLOOR, TEUTONIC BUILDING, CHICAGO.

Wrought Iron, Hammered Leaf Work, Bower-Barffed.

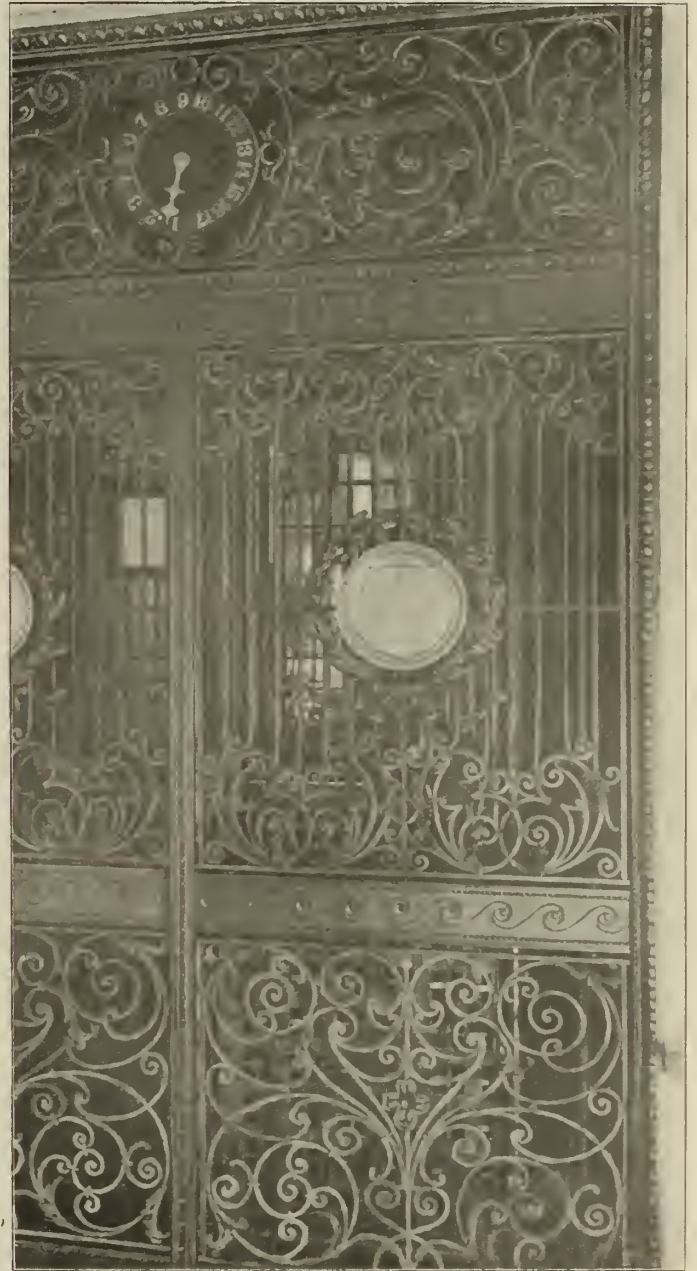
Framing, Cast Iron, Bronze Electroplate.

Elevator Inclosures.



A.—ELEVATOR INCLOSURE, BRADBURY BUILDING, LOS ANGELES, CAL.

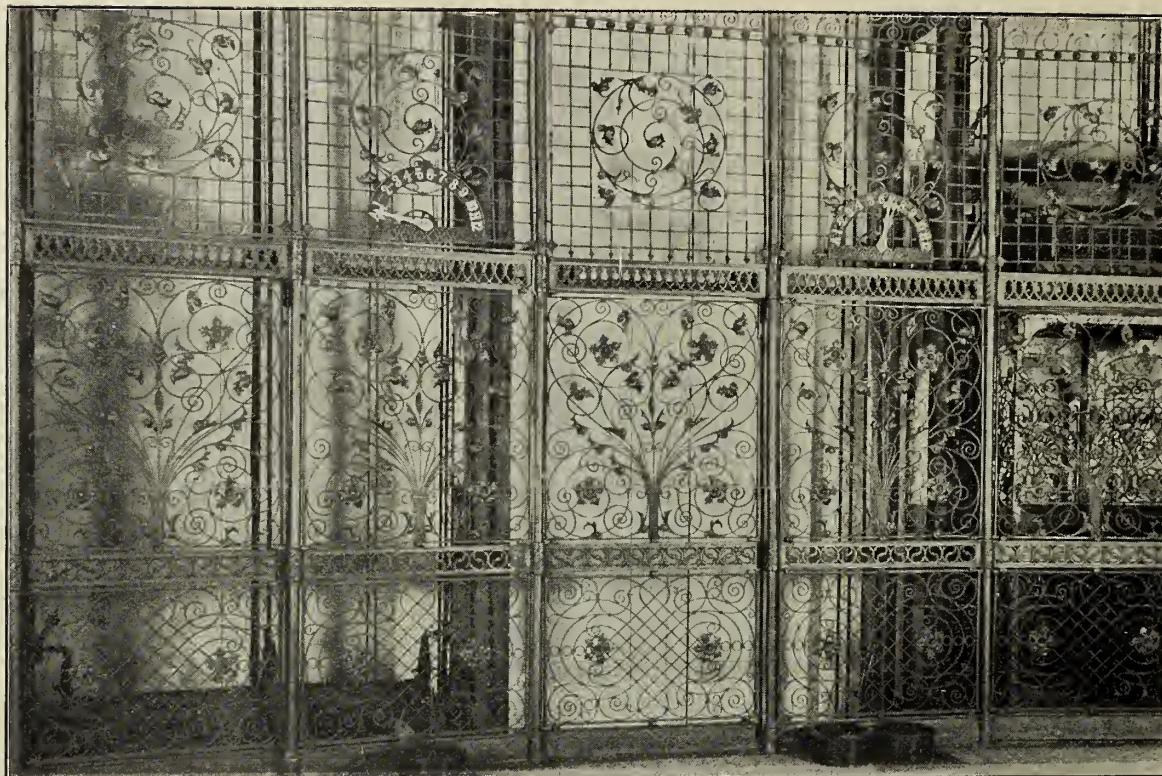
Wrought Iron, Hammered Leaf Work, Bower-Barffed.



B.—ELEVATOR INCLOSURE, OLD COLONY BUILDING, CHICAGO.

Wrought Iron, Bower-Barffed.

Elevator Inclosures.



A.—ELEVATOR INCLOSURES, MAIN FLOOR, THE TEMPLE, CHICAGO.
Wrought Iron, Hammered Leaf, Bower-Barffed.

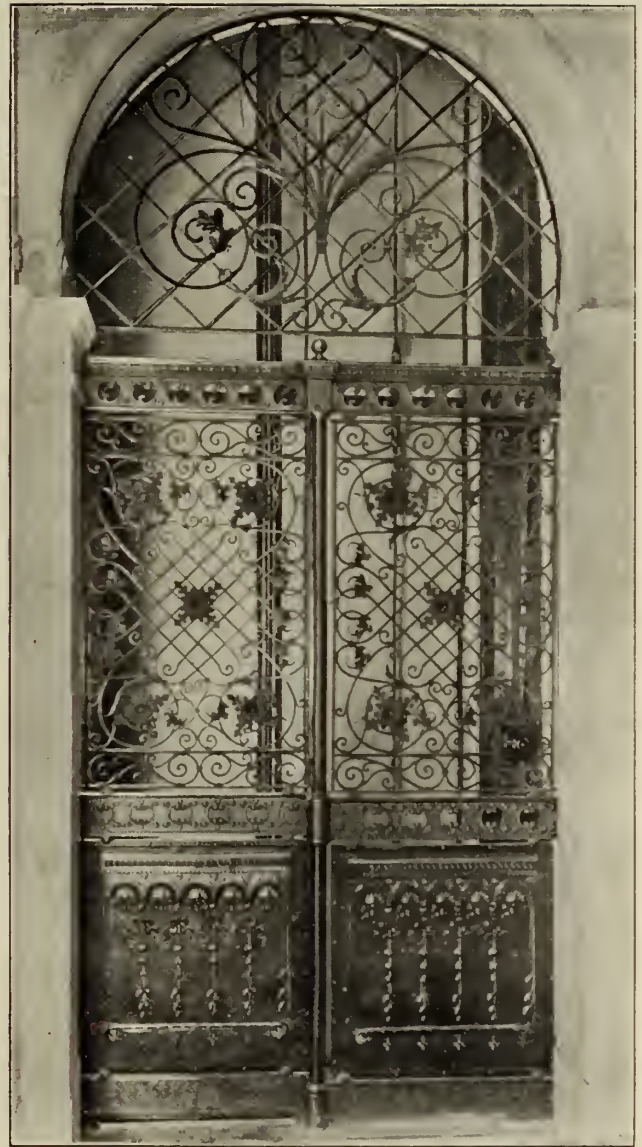


B.—ELEVATOR INCLOSURE.
Wrought Iron.

Elevator Inclosures.



A.—ELEVATOR INCLOSURE, TEUTONIC BUILDING, CHICAGO.
Wrought Iron, Bower-Barffed.



C.—ELEVATOR INCLOSURES, ARMOUR INSTITUTE, CHICAGO.
Wrought Iron, Hammered Leaf Work, Bower-Barffed.
Lower Panels in Galvanoplastic Bronze.

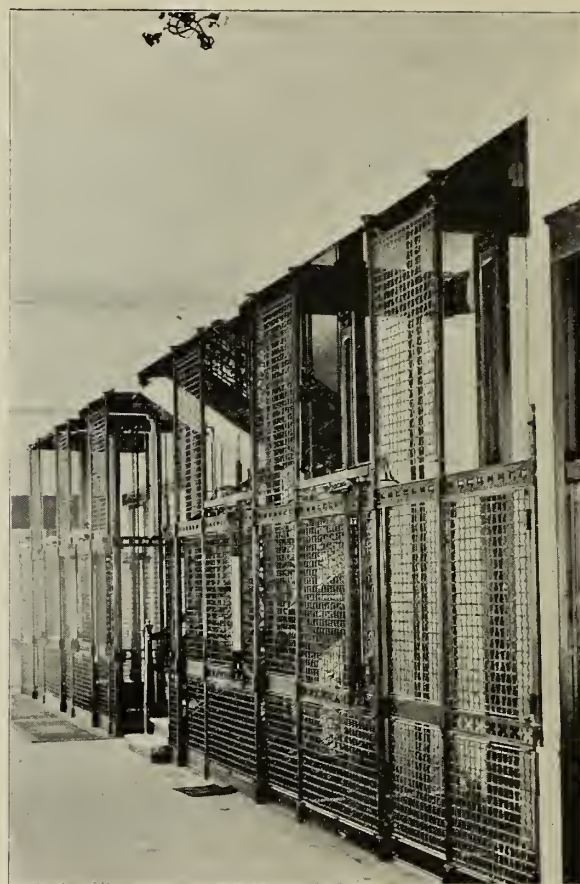


B.—ELEVATOR INCLOSURE, COLUMBUS MEMORIAL BUILDING,
CHICAGO, UPPER FLOOR, DIRECT ENTRANCE TO STORE.
Wrought Iron, Hammered Leaf Work.

Elevator Inclosures.



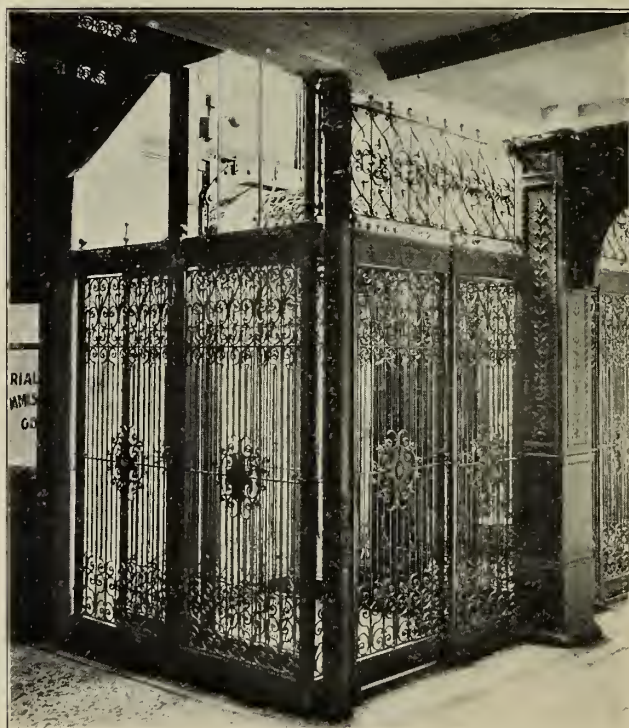
A.—ELEVATOR INCLOSURE, OLD COLONY BUILDING, CHICAGO.
Wrought Iron, Hammered Leaf Work, Bower-Barffed.
Rails and Coat of Arms in Bronze.



B.—ELEVATOR INCLOSURES, UPPER FLOORS, OLD COLONY BUILDING, CHICAGO.
Wrought Iron, Bower-Barffed.



C.—CORRIDOR, STOCK EXCHANGE, CHICAGO.
Showing Elevator Service and Main Stairway.

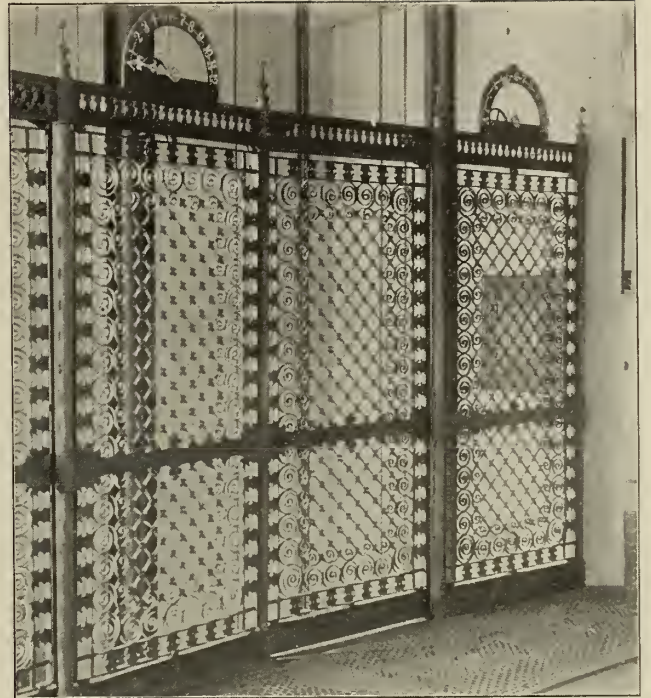


D.—ELEVATOR INCLOSURE, RIALTO BUILDING, CHICAGO.
Wrought Iron, Bower-Barffed.

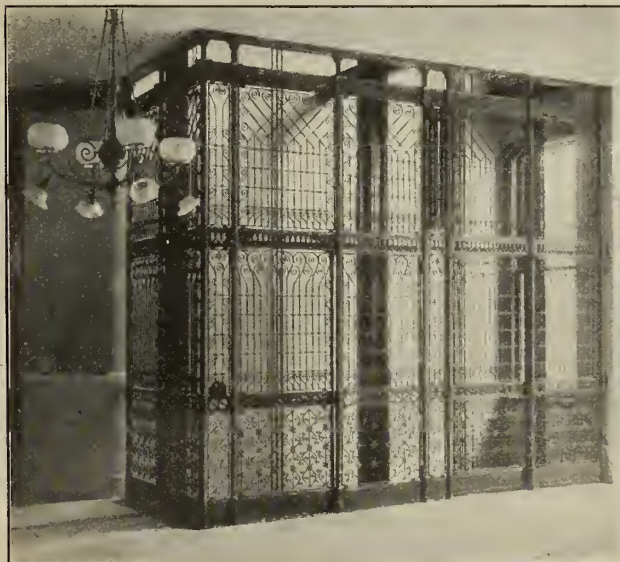
Elevator Inclosures.



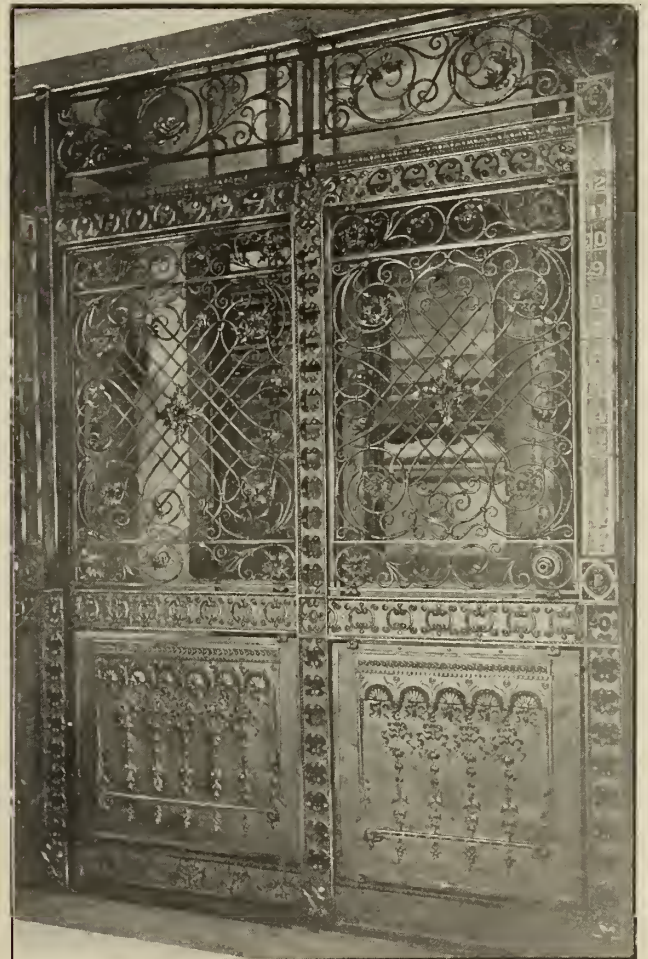
A.—ELEVATOR INCLOSURE, THE WOMAN'S TEMPLE, CHICAGO.
Wrought Iron, Hammered Leaf Work



B.—ELEVATOR INCLOSURE, UPPER FLOOR,
THE WOMAN'S TEMPLE.
Wrought Iron, Bower-Barffed.

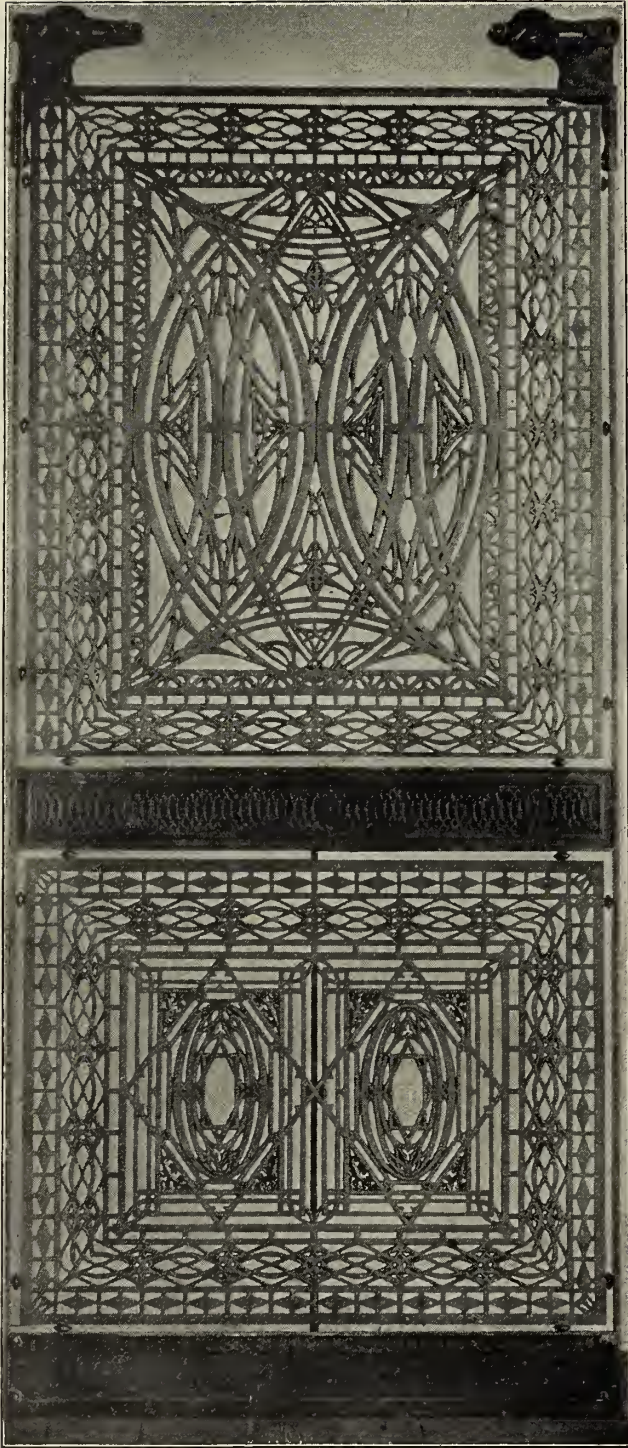


C.—ELEVATOR INCLOSURES, MILLS BUILDING,
SAN FRANCISCO, CAL.
Wrought Iron, Bower-Barffed.

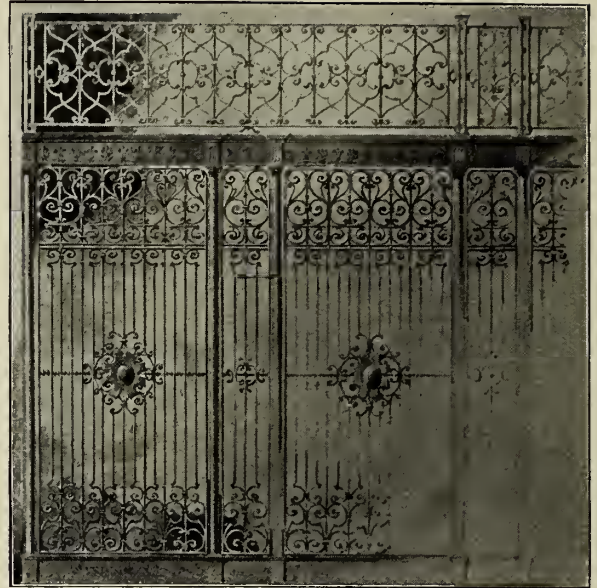


D.—ELEVATOR INCLOSURES, PABST BUILDING, MILWAUKEE, WIS.
Upper Panels, Wrought Iron, Bower-Barffed. Lower Panels,
Rails, etc., Galvanoplastic Bronze.

Elevator Inclosures.



A.—ELEVATOR DOOR, UNION TRUST BUILDING,
ST. LOUIS, MO.
Cast Iron, Electroplated.



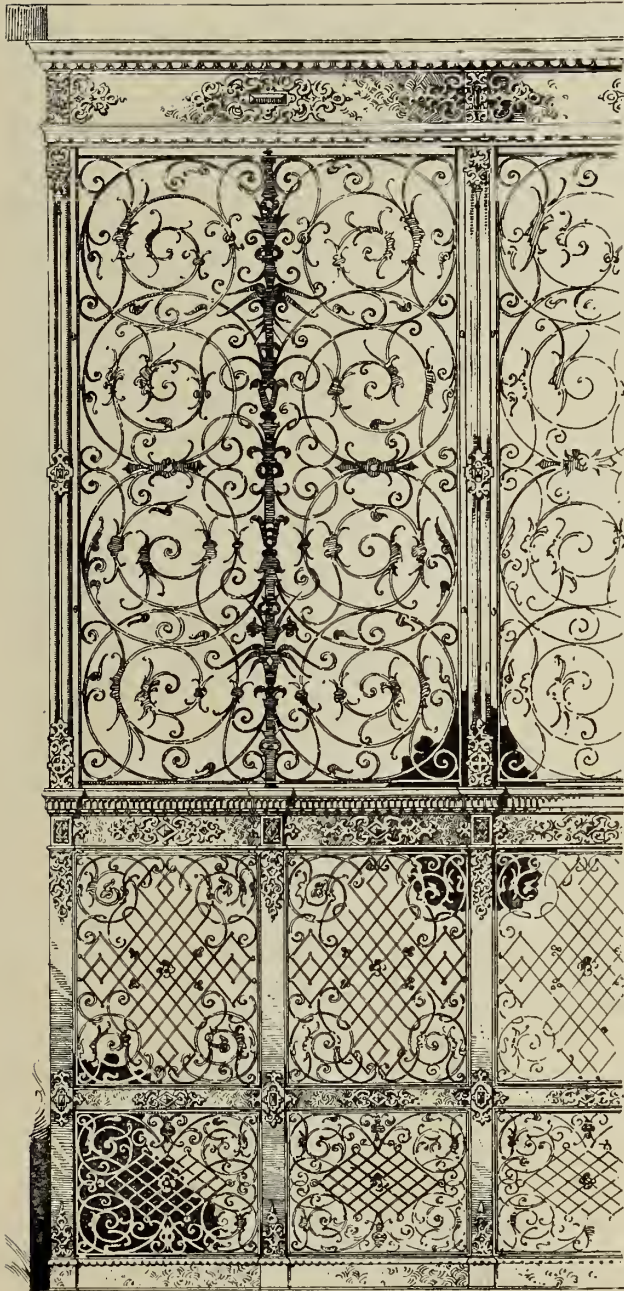
B.—ELEVATOR INCLOSURE.
Wrought Iron.



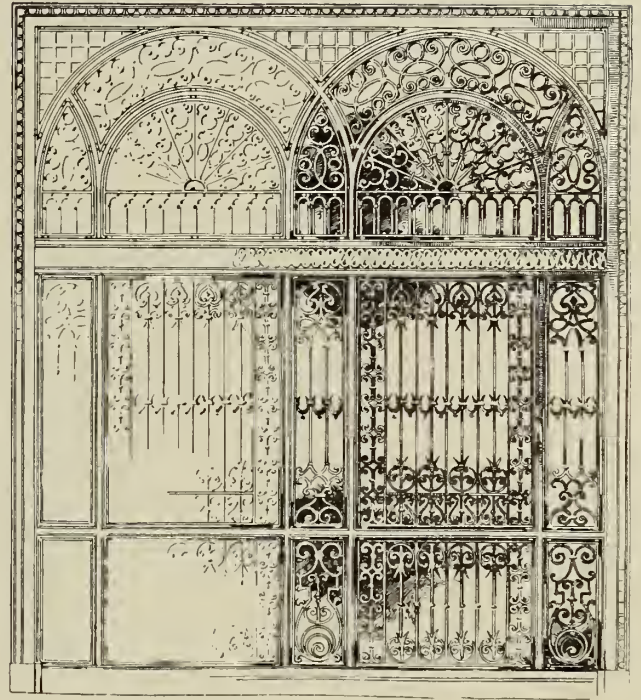
C.—ELEVATOR INCLOSURES, OLD COLONY BUILDING,
CHICAGO.
Wrought Iron, Hammered Leaf.

Elevator Inclosures.

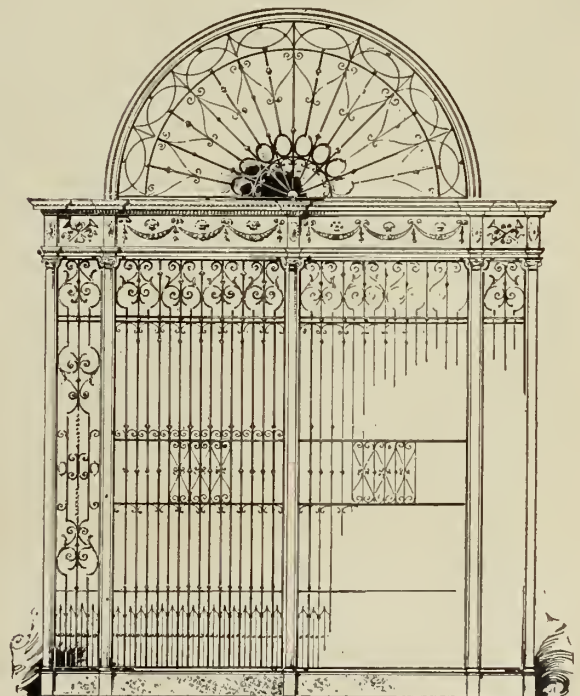
(DESIGNS FOR.)



A.—ELEVATOR INCLOSURE.
Style—Teutonic.



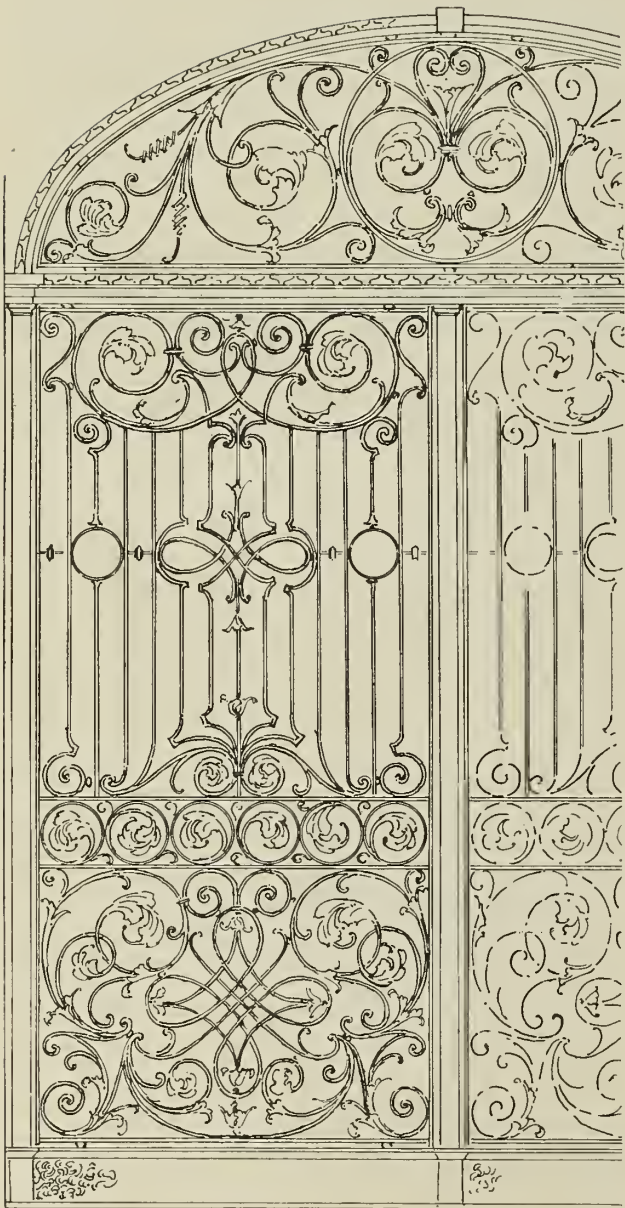
B.—ELEVATOR INCLOSURE.
Style—Spanish Renaissance.



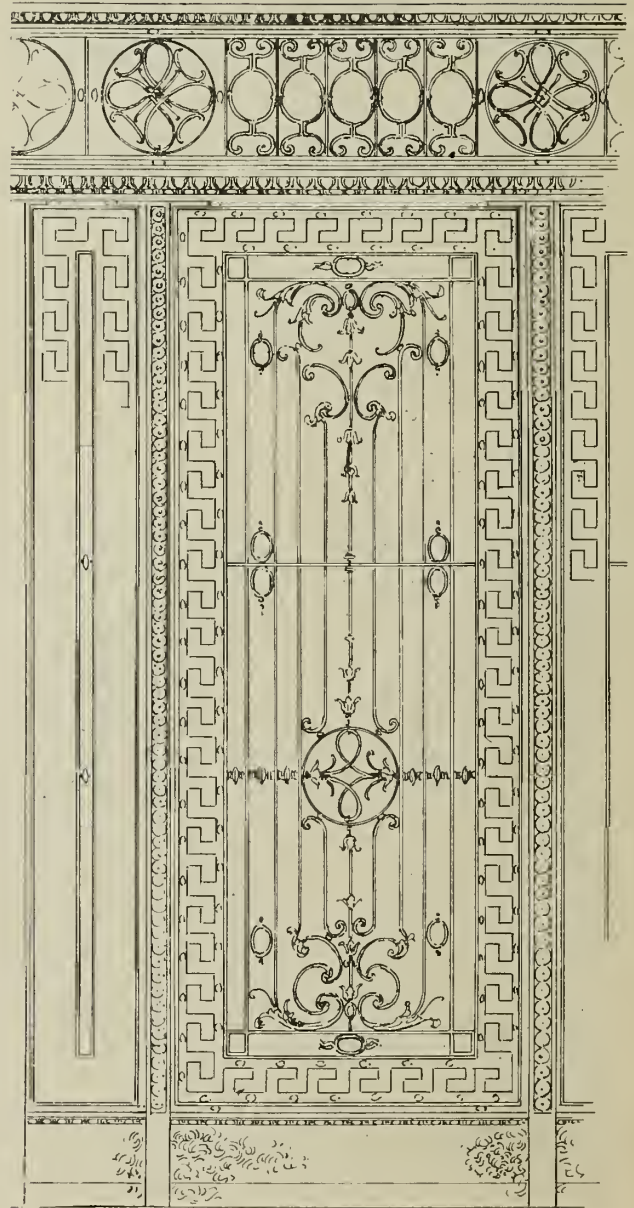
C.—ELEVATOR INCLOSURE.
Style—Old Colonial.

Elevator Inclosures.

(DESIGNS FOR.)



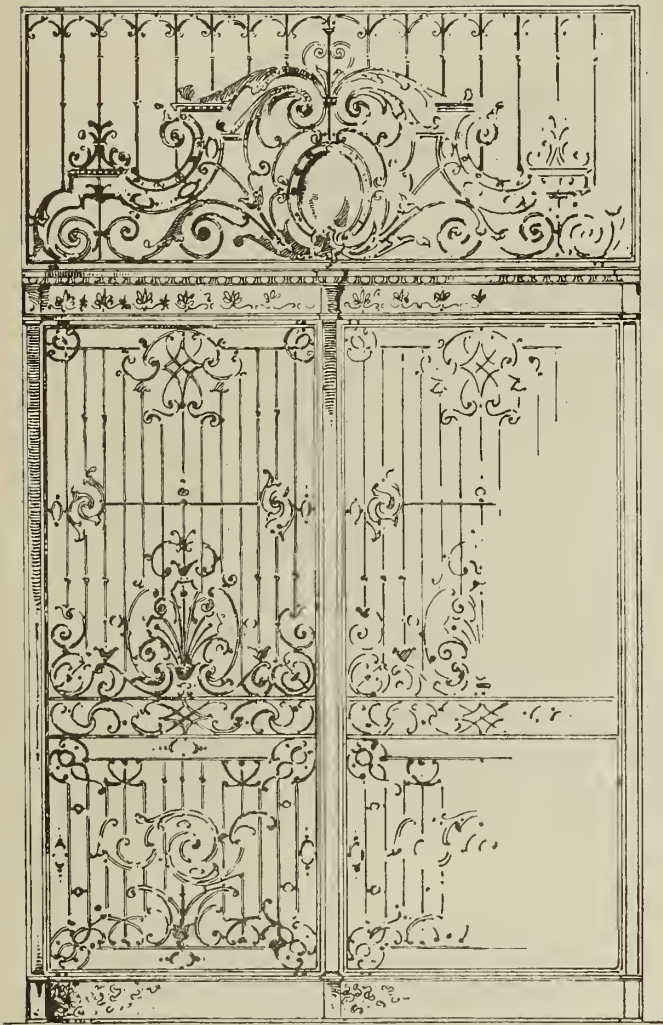
A.



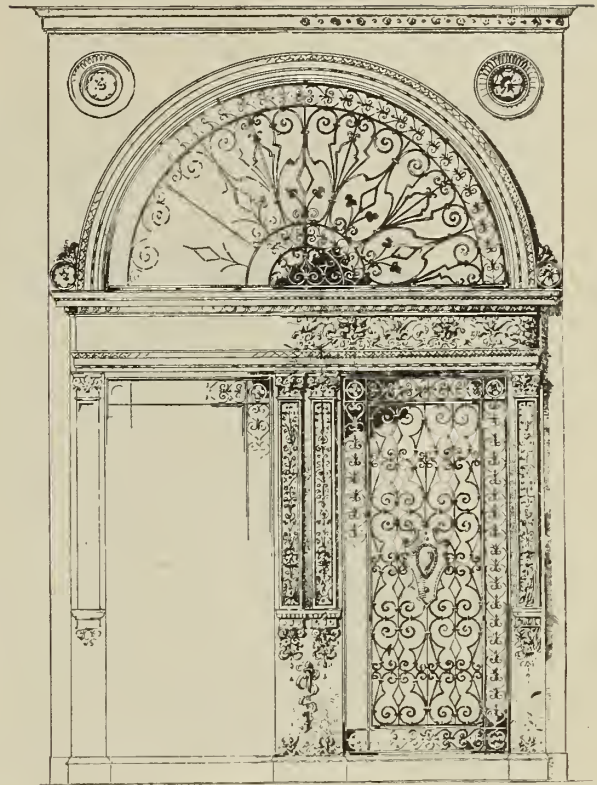
B.

Elevator Inclosures.

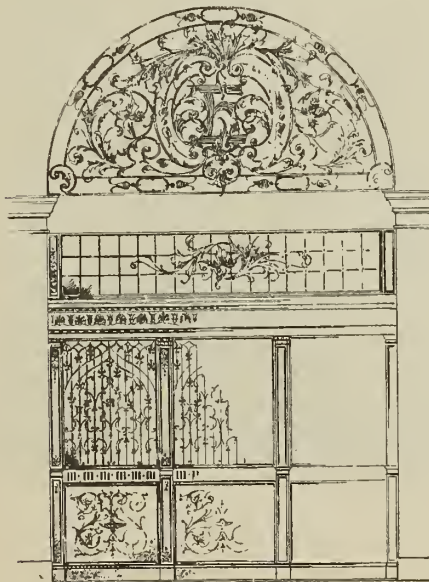
(DESIGNS FOR.)



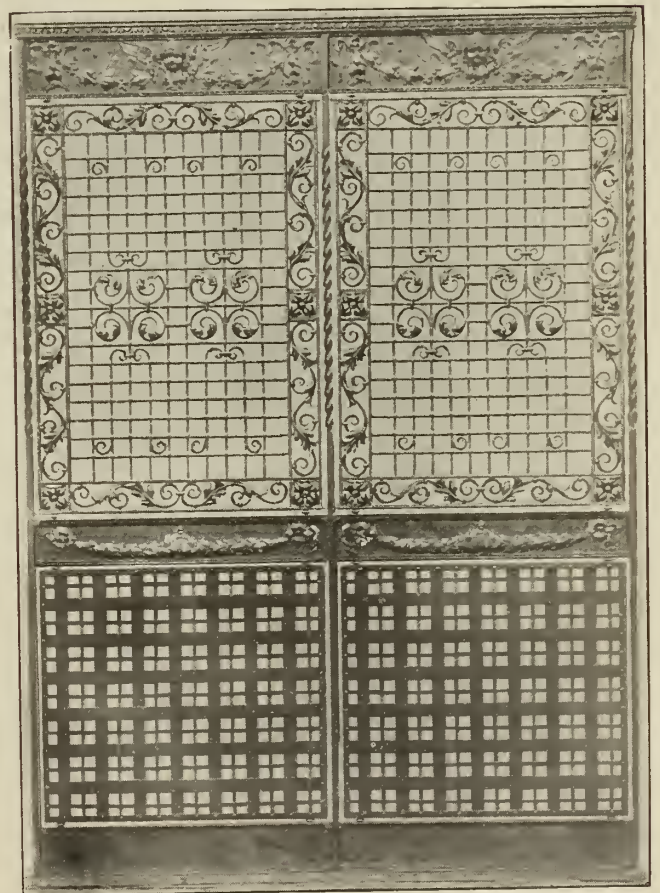
A.



C.



B.

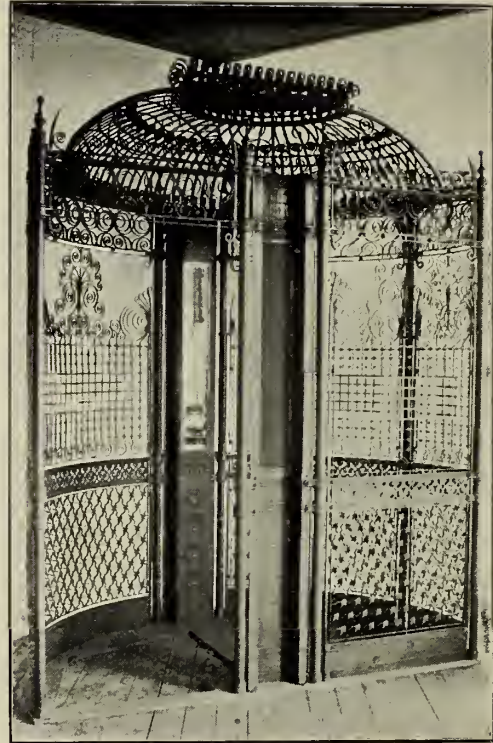


D.

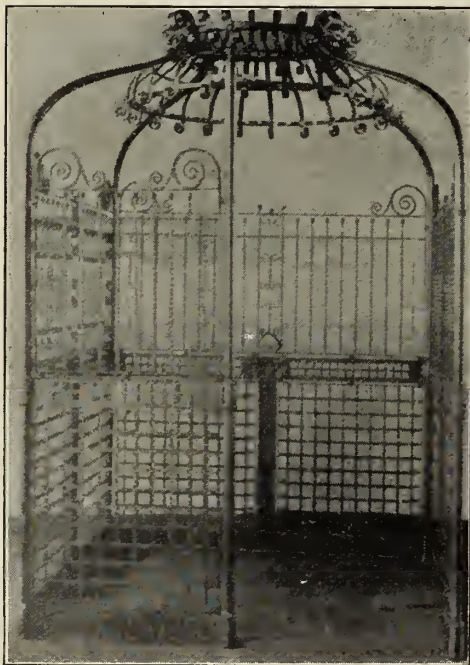
Elevator Cars.



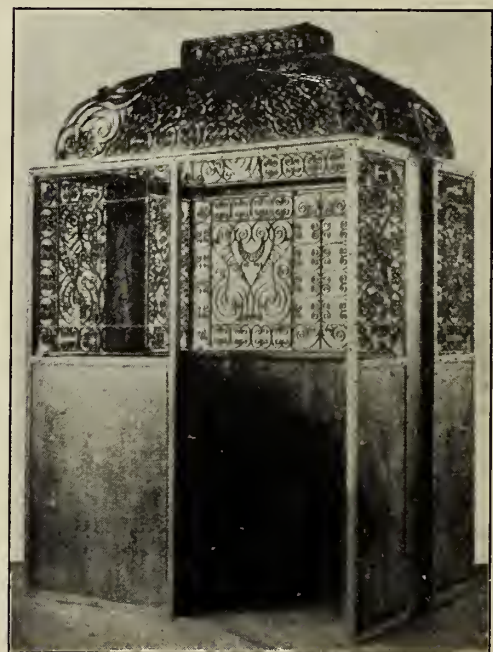
A.



C.

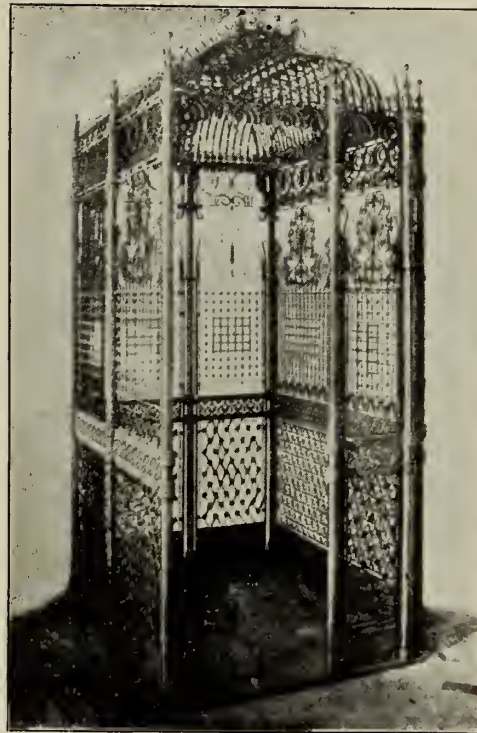


B.

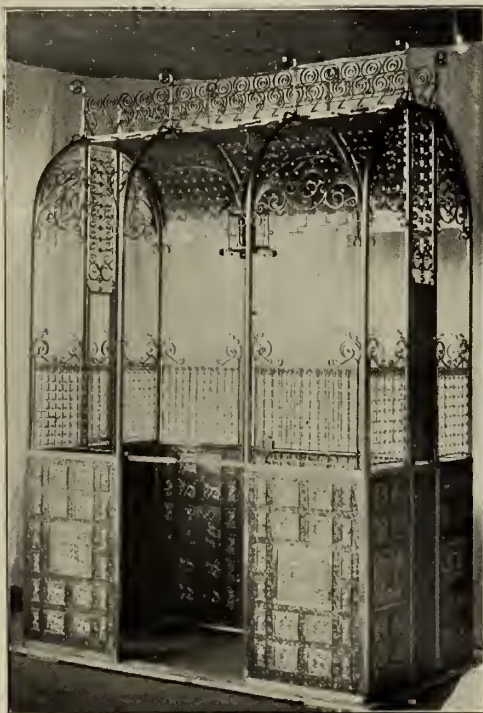


D.

Elevator Cars.



E.

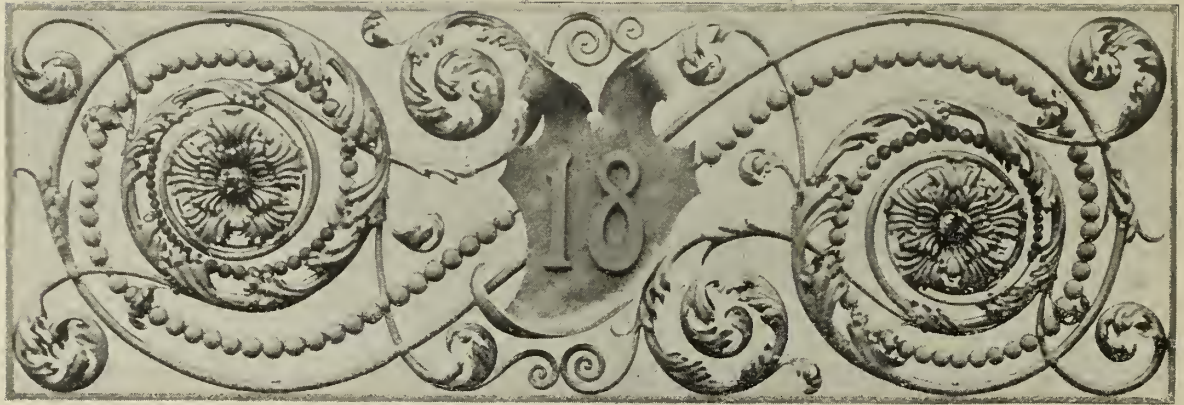


F.



G.

Grilles.



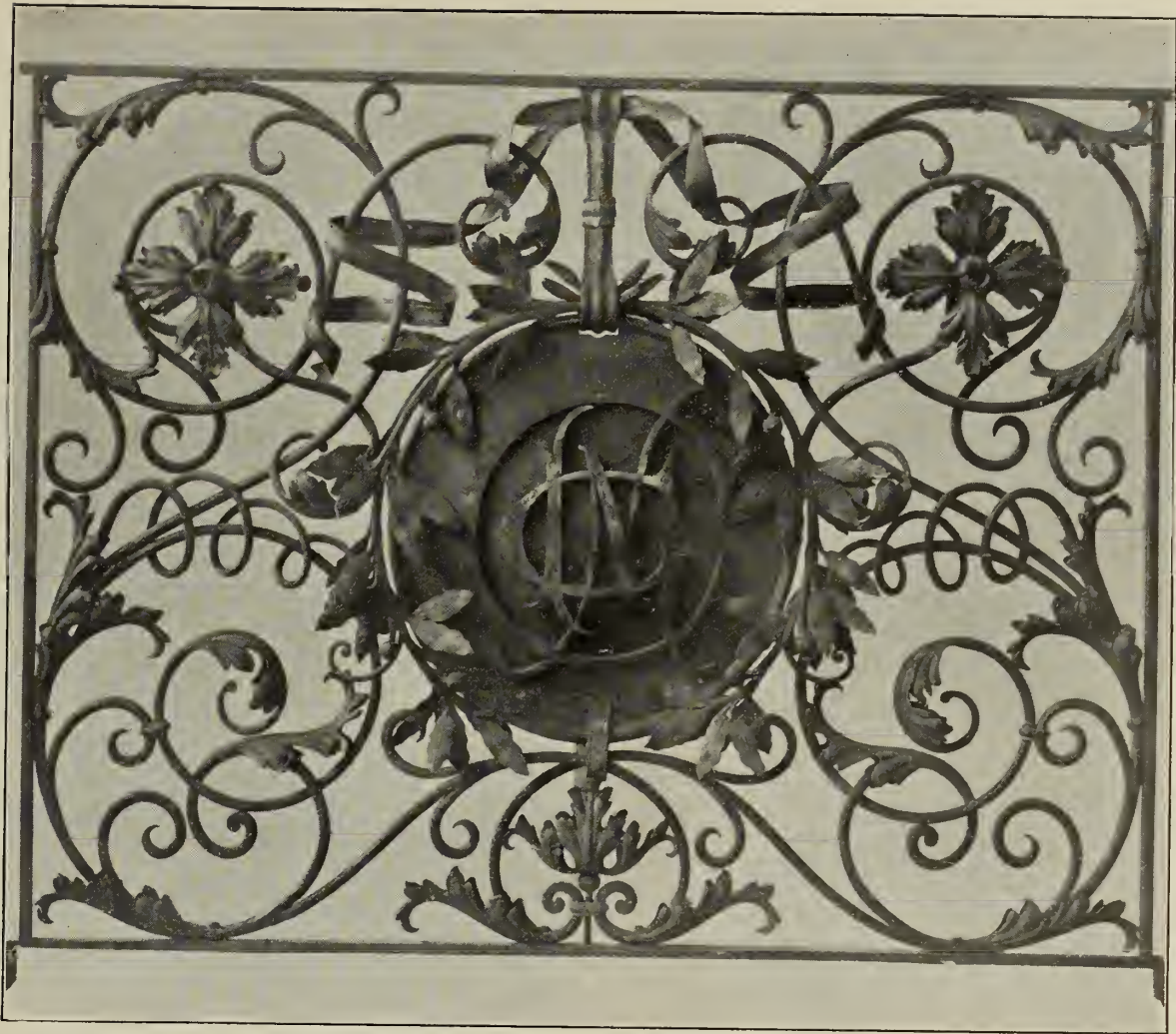
A.—Wrought Iron, Hammered Leaf Work.

TRANSOM GRILLES.

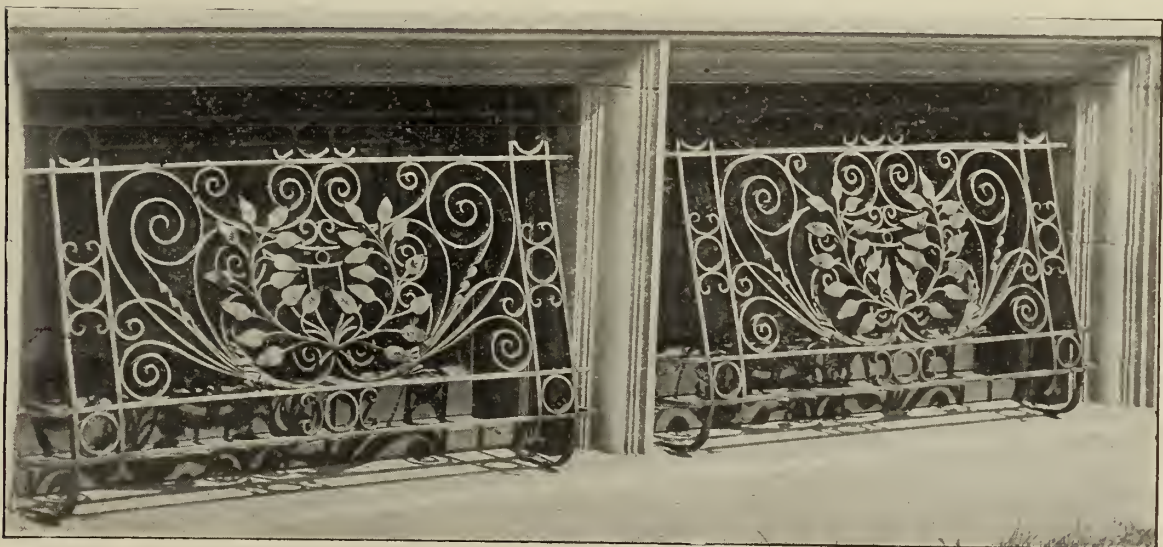


B.—Wrought Iron, Hammered Leaf Work.

Grilles.



A.—GRILLE AND MONOGRAM.
Wrought Iron, Bower-Barffed.

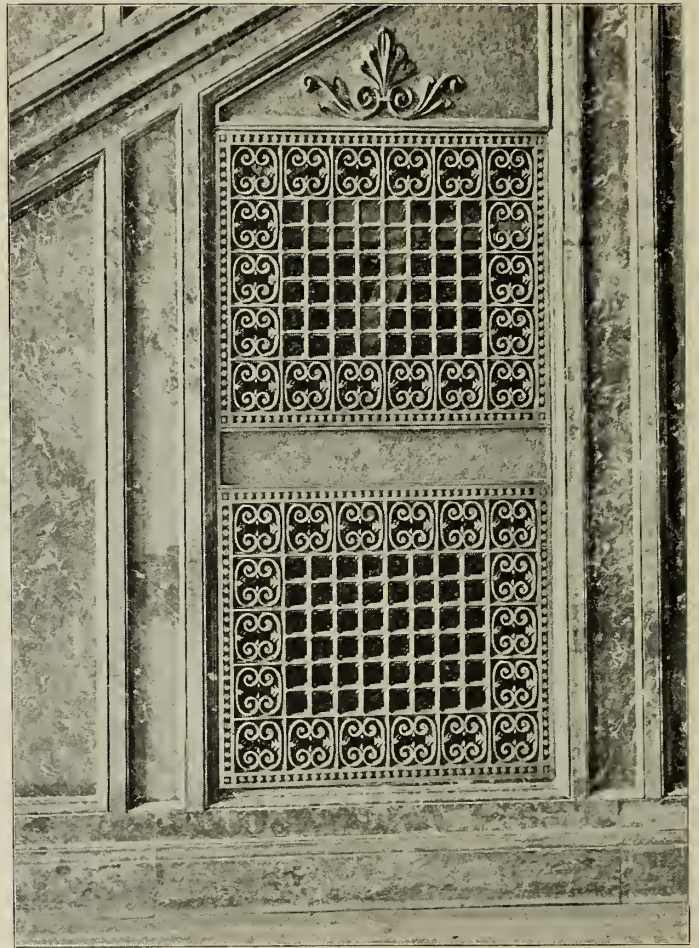


B.—GRILLES.
Wrought Iron, Bower-Barffed.

Grilles.



A.—GRILLE.
Wrought Iron.



B.—VESTIBULE GRILLE, OLD COLONY BUILDING, CHICAGO.
Cast Bronze.



C.—GRILLE.
Wrought Iron.



D.—DOOR GRILLE.
Wrought Iron.

Grilles.



A.—GRILLE.
Wrought Iron.



B.—GRILLE FOR BASEMENT.
Wrought Iron.



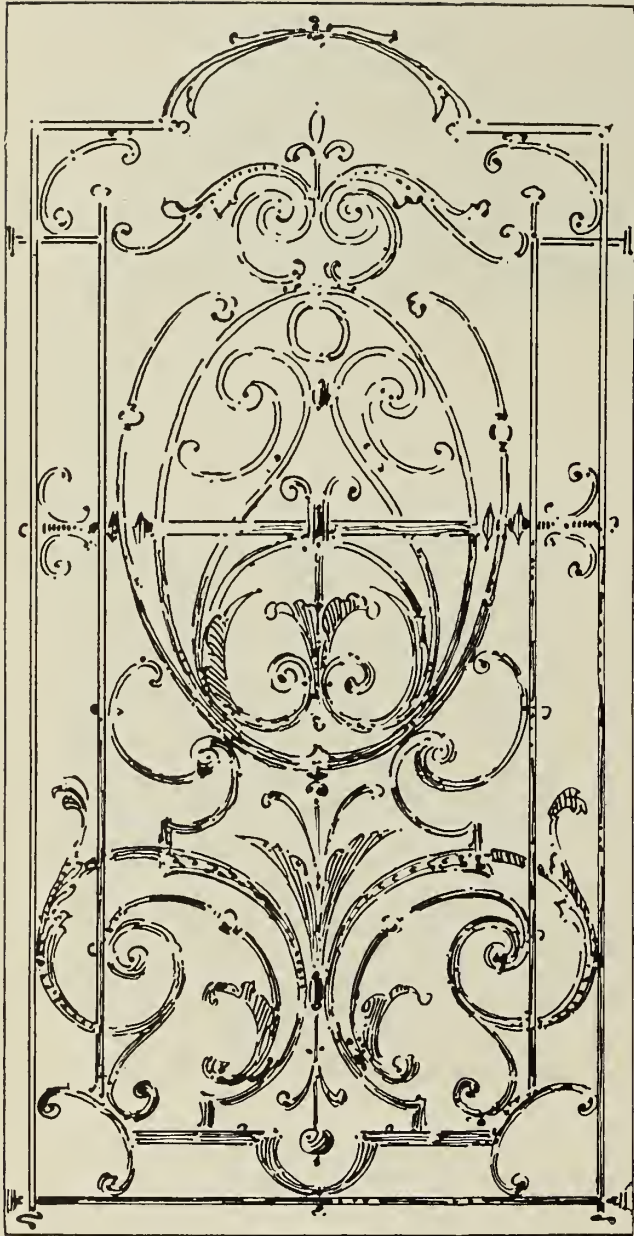
C.—GRILLE.
Wrought Iron.



D.—GRILLE.
Soft Bronze, Silver Plated.
(Design by Coburn & Barnum.)

Grilles.

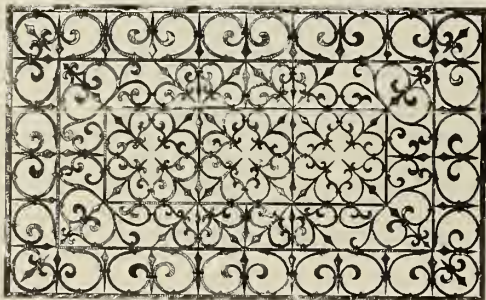
(DESIGNS FOR.)



A.



B.



C.



D.

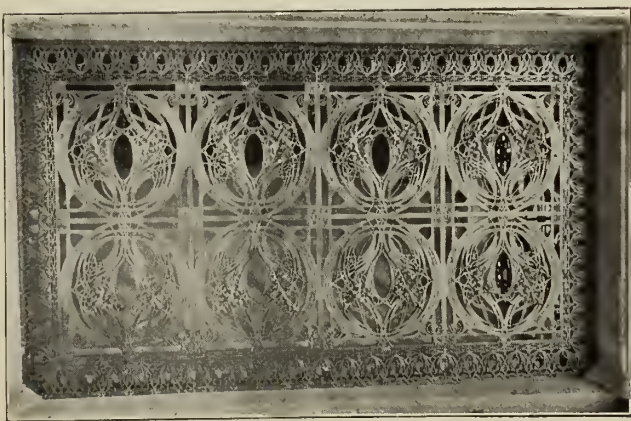
Grilles.



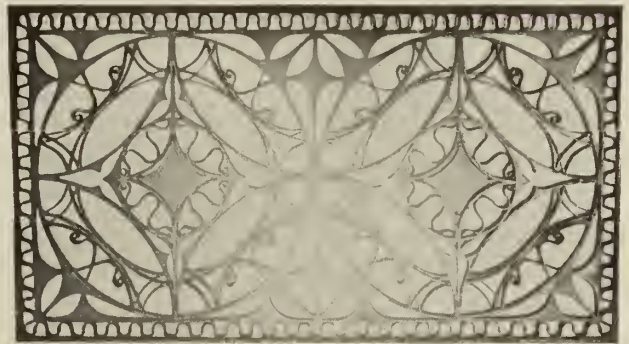
A.—GRILLE.
Wrought Iron, Hammered Leaf.



B.—GRILLE.
Wrought Iron, Hammered Leaf.



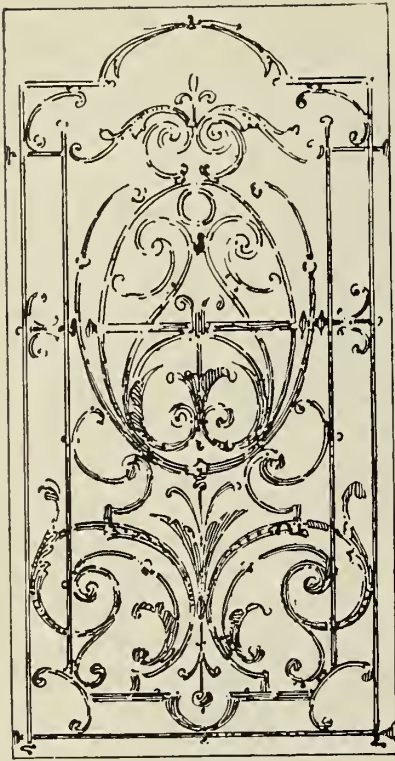
C.—GRILLE. CHICAGO STOCK EXCHANGE.
Bronze Electroplate.



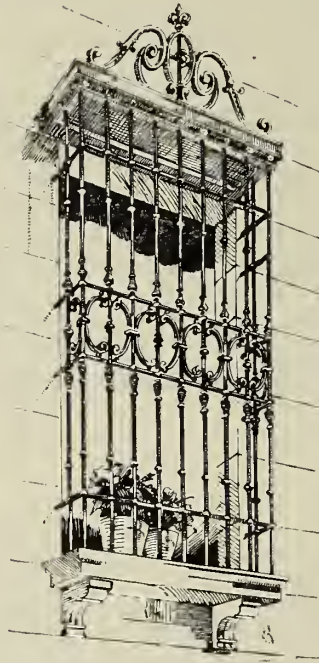
D.—GRILLE. UNION TRUST BUILDING, ST. LOUIS.
Wrought Iron, Bower-Barffed.

(Design by L. H. Sullivan.)

Grilles.



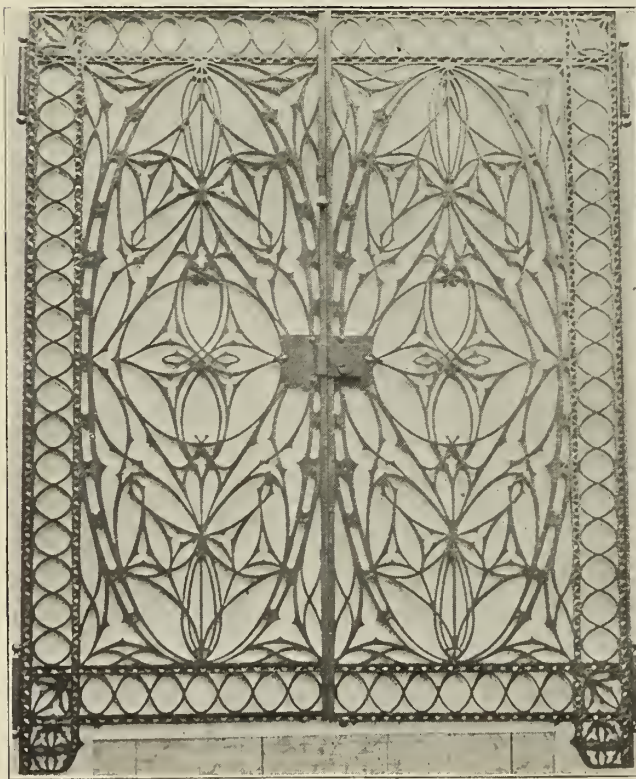
A.—GRILLE.
Wrought Iron.



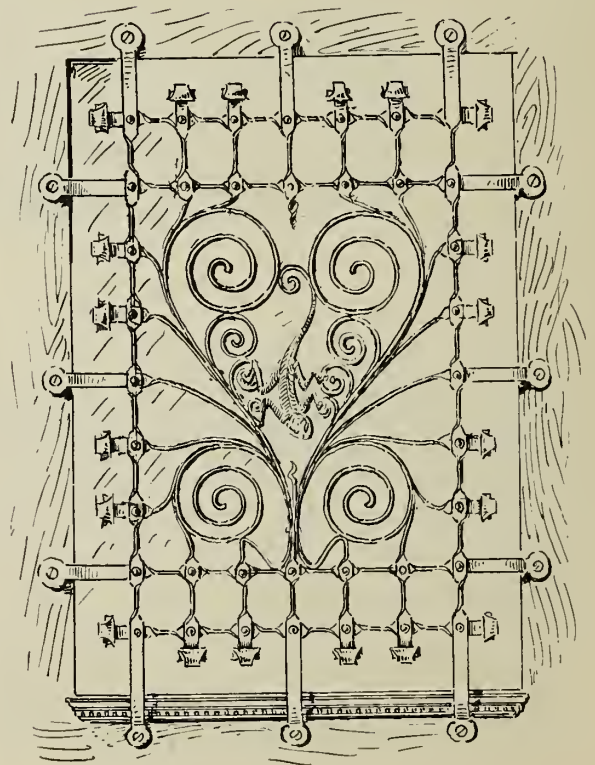
B.—WINDOW GUARD.
Wrought Iron.



C.—GRILLE.
Wrought Iron.

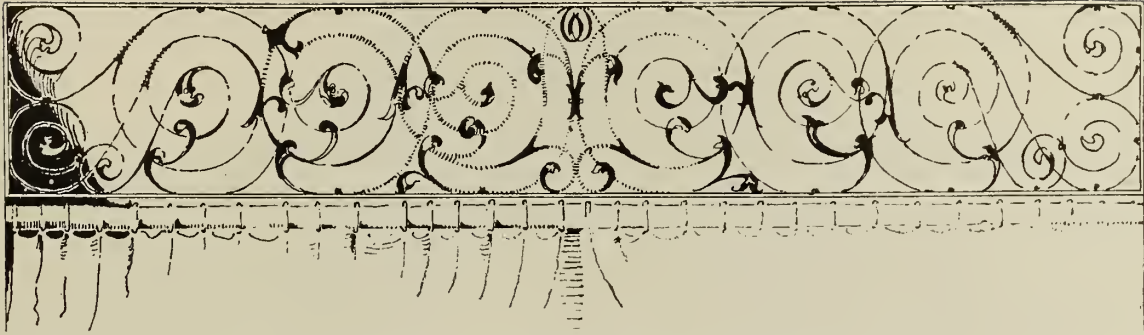


D.—GRILLE.
Cast Bronze.
(Design by L. H. Sullivan.)

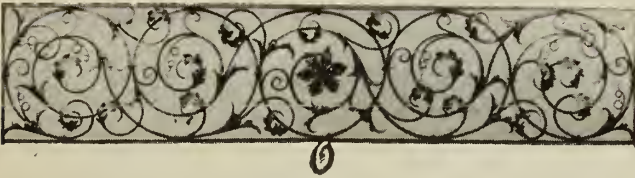


E.—GRILLE.
Wrought Iron.

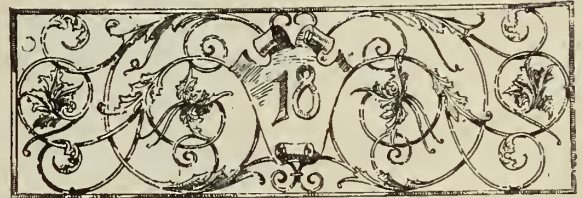
Grilles.



A.—OVERHEAD GRILLE AND ROD, FOR PORTIERRE.
Wrought Iron.



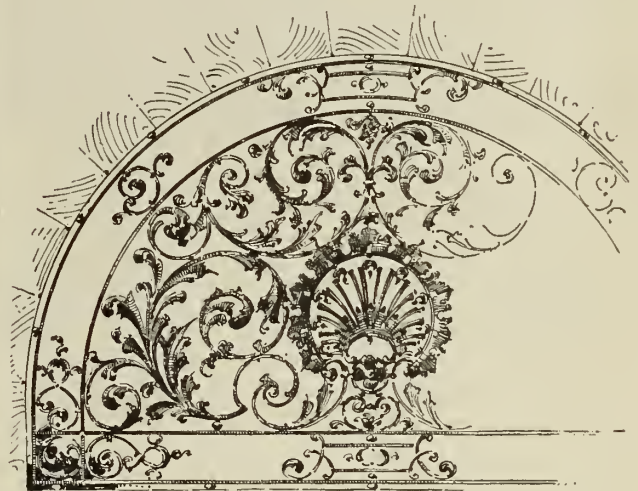
B.—GRILLE.
Wrought Iron.



C.—TRANSOM GRILLE AND NUMBER.



D.—GRILLE.
Wrought Iron, Hammered Leaf Work.



E.—GRILLE.
Wrought Iron.

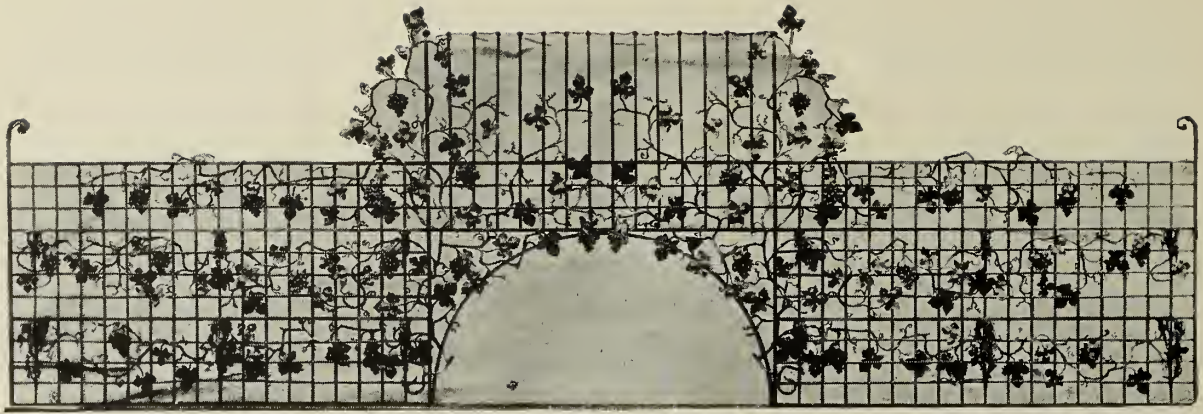


F.—GRILLE.
Wrought Iron.

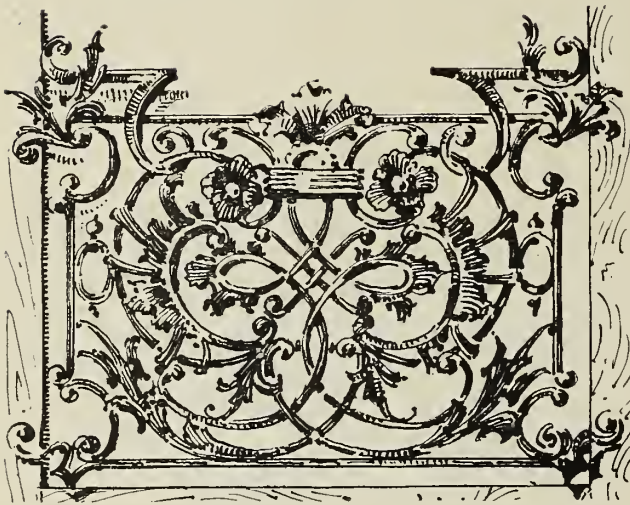


G.—GRILLE.
Hammered Leaf Work.

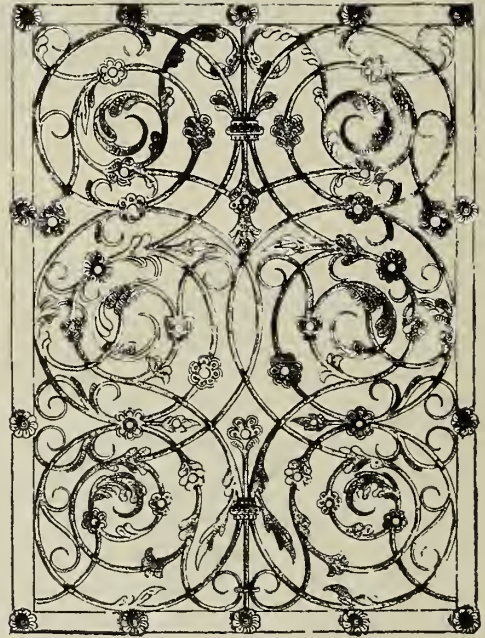
Grilles.



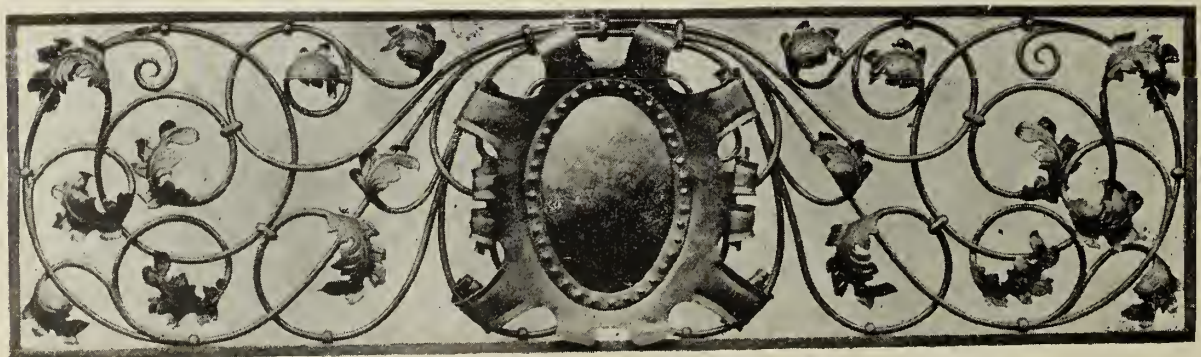
A.—GRILLE WITH VINE, FOR COUNTER RAILING.
Wrought Iron.



B.—GRILLE.
Wrought Iron.



C.—GRILLE.
Wrought Iron.



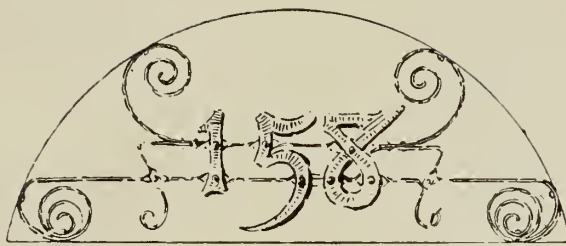
D.—GRILLE WITH SHIELD.
Wrought Iron, Bower-Barffed.

Grilles.

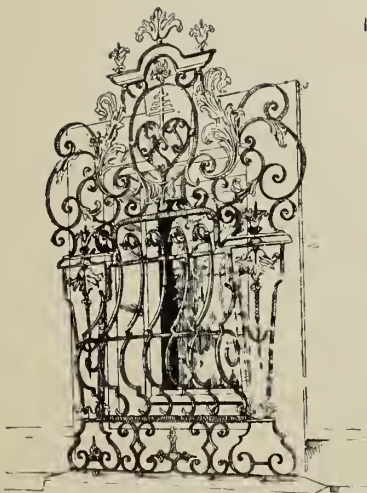
(DESIGNS FOR.)



A.



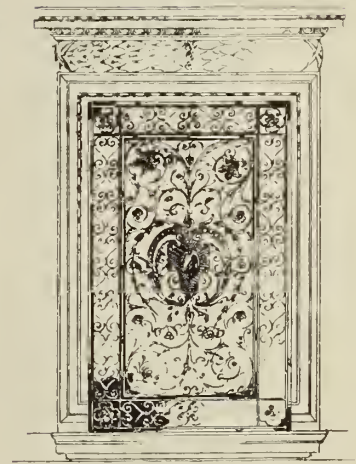
B.



C.



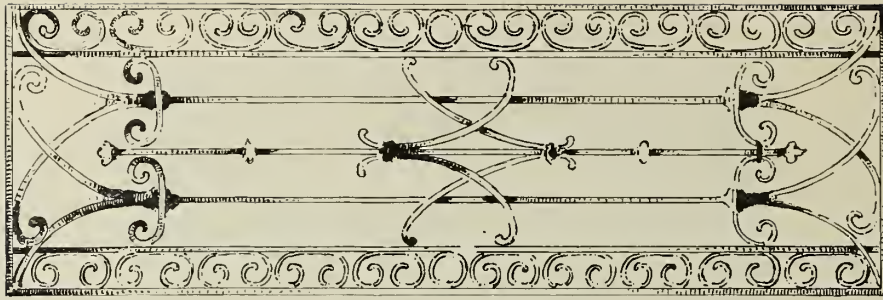
D.



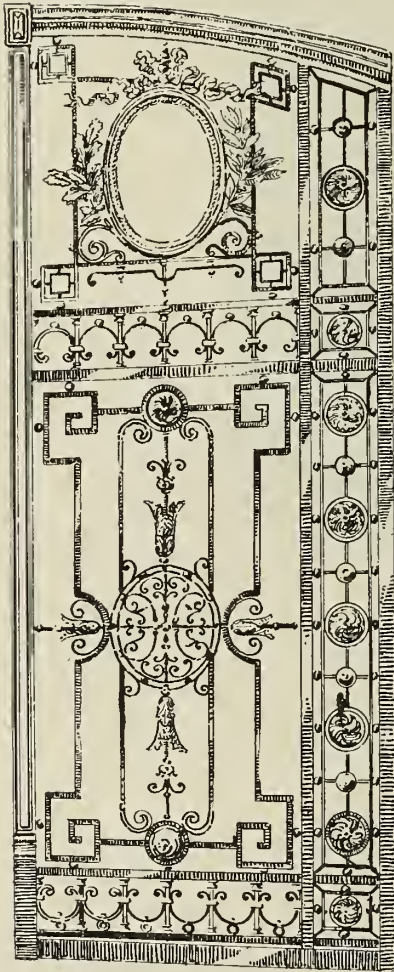
E.

Grilles.

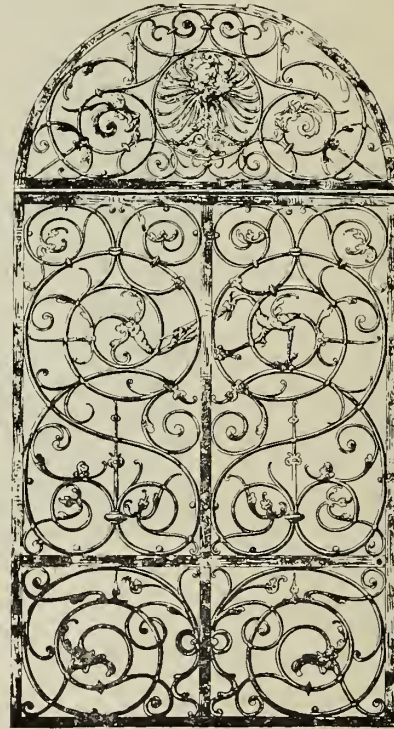
(DESIGNS FOR.)



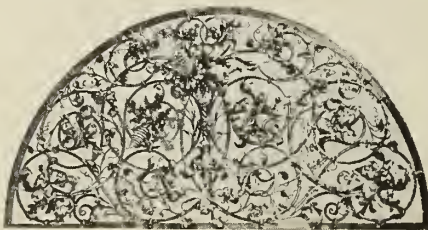
A.



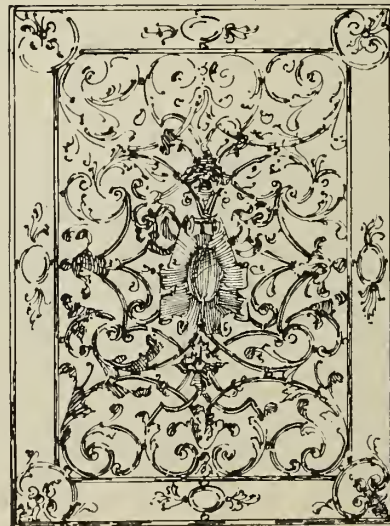
B.



D.



C.

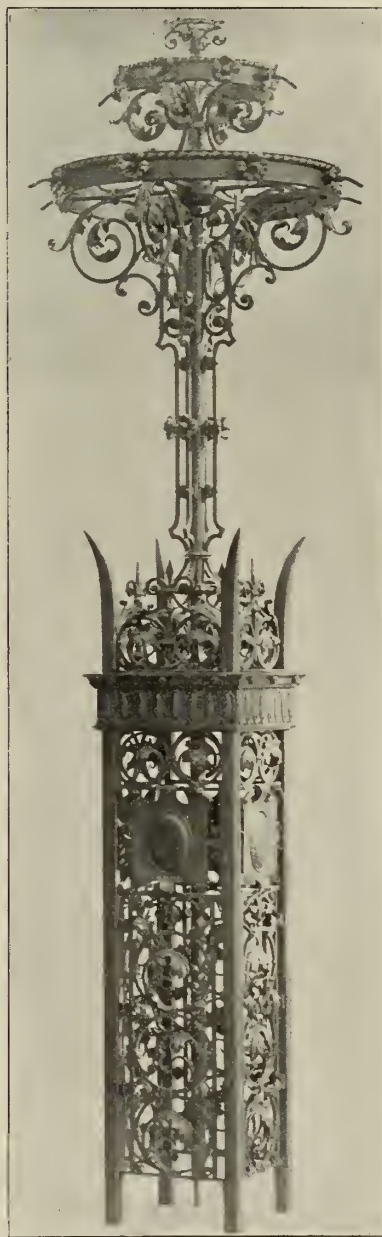


E.

Lamps, Lanterns and Electroliers.



A.—ELECTROLIER,
SOCIETY FOR SAVINGS BUILDING,
CLEVELAND, O.
Wrought Iron, Hammered Leaf Work,
Bower-Barffed.



B.—ELECTROLIER AND NEWEL,
BRADBERRY BUILDING, LOS ANGELES, CAL.
Wrought Iron.

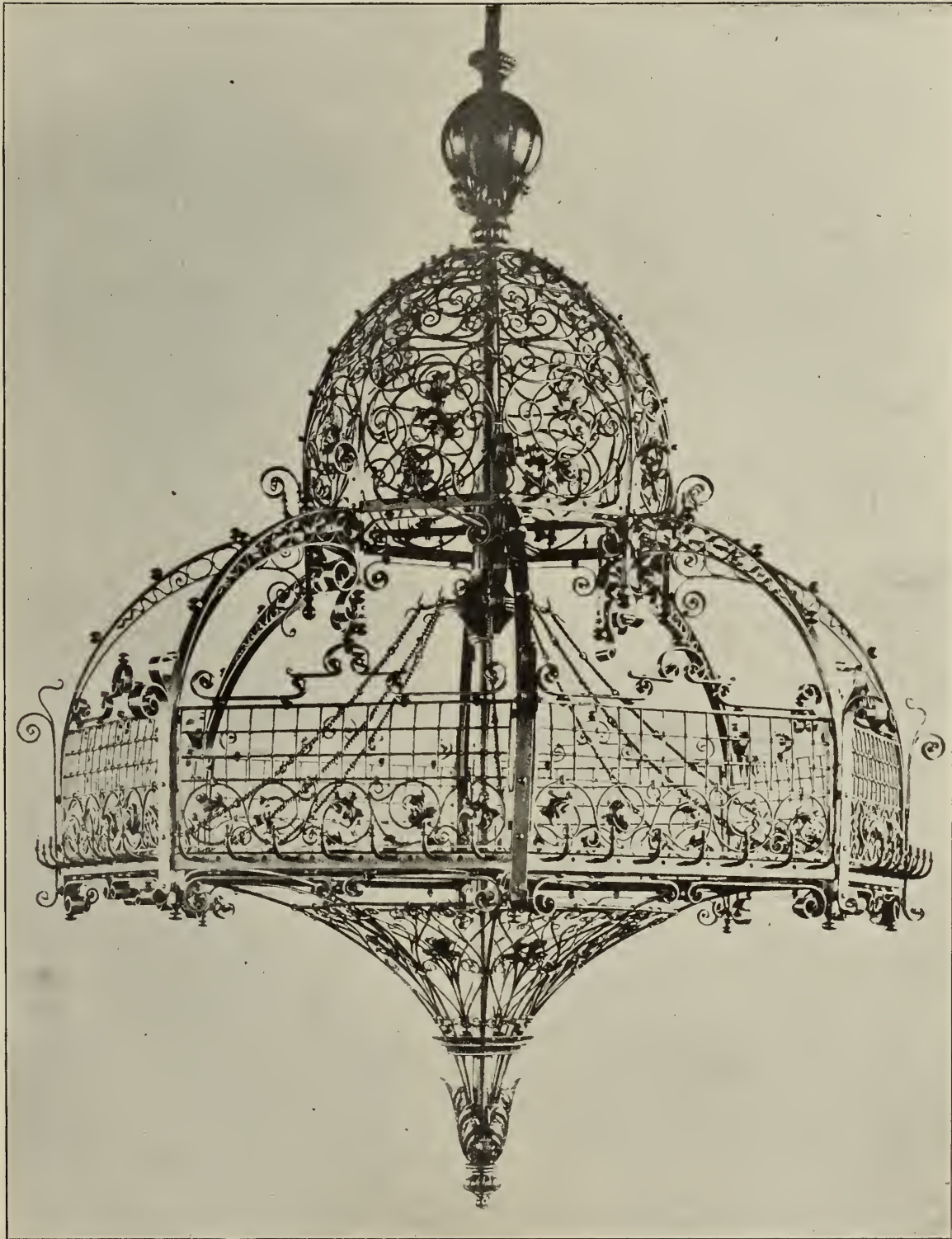
Lamps, Lanterns and Electroliers.



LAMP STANDARD.

Wrought Iron, Hammered Leaf Work, Bower-Barffed.

Lamps, Lanterns and Electroliers.



CHANDELIER, CENTENNIAL BAPTIST CHURCH, CHICAGO.

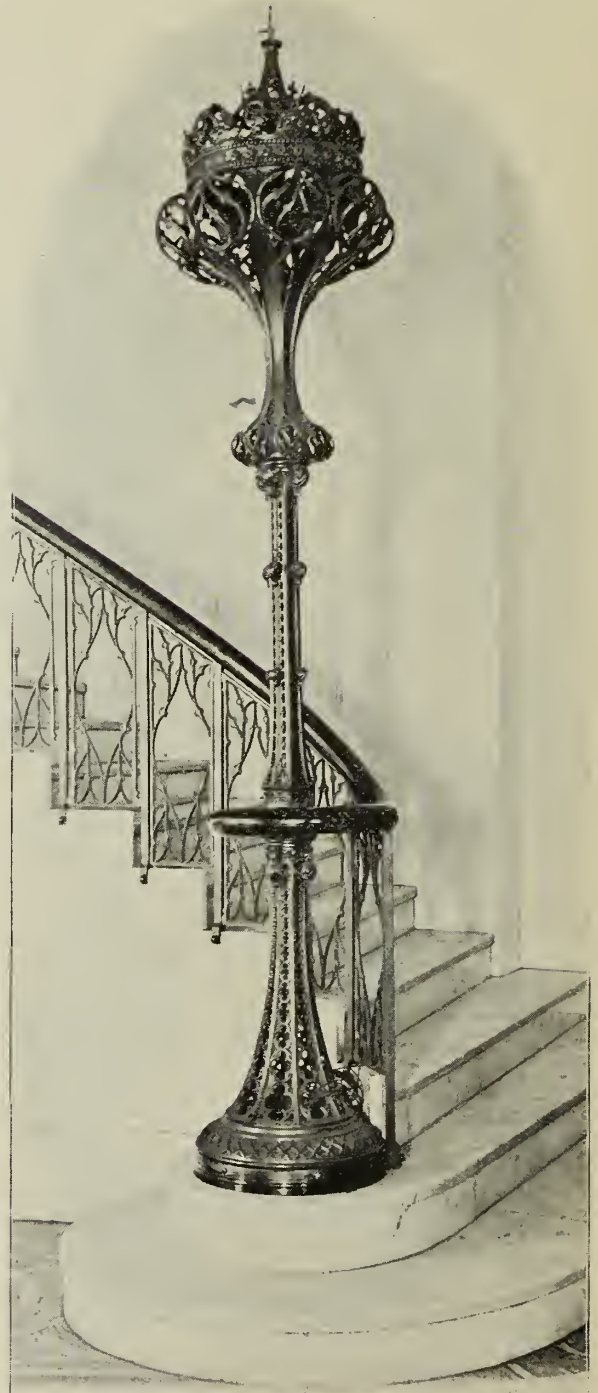
Wrought Iron, Hammered Leaf Work, Bower-Barffed.

Diameter, 8 feet.

Camps, Lanterns and Electroliers.

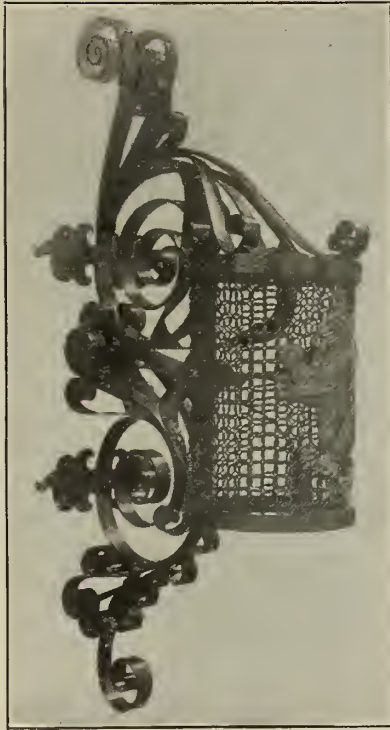


A.—LANTERN AND BRACKET.
Wrought Iron.



B.—ELECTROLIER AND NEWEL,
Woman's Temple, Chicago.
Cast Iron, Bower-Barffed.

Lamps, Lanterns and Electroliers.



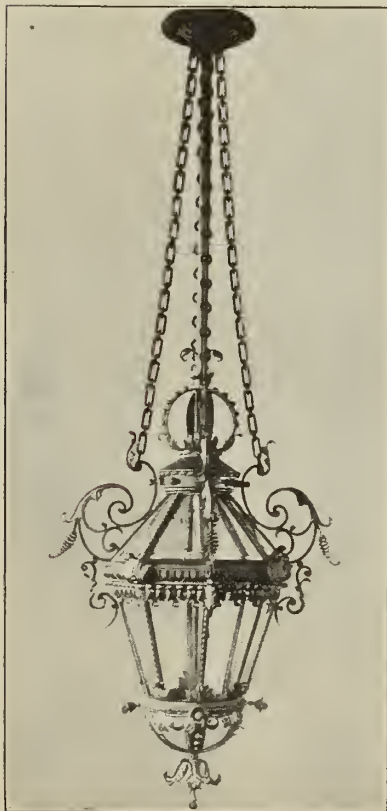
A.—WALL LANTERN.



B. - NEWEL ELECTROLIER.

NEW TERMINAL STATION, ST. LOUIS, MO.

Wrought Iron. A.—Guard to Arc Light. B.—Placed at Main Entrance. 8 feet in height.



C.—HANGING LAMP.

Wrought Iron, Bower-Barffed.



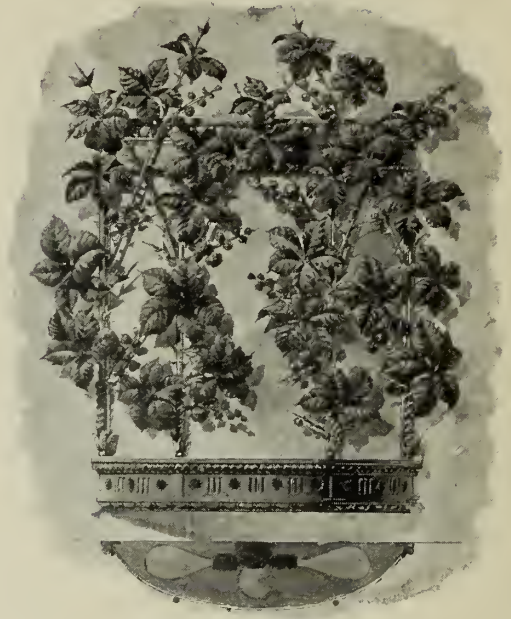
D.—LANTERN.

Wrought Iron, Bower-Barffed.

Lamps, Lanterns and Electroliers.



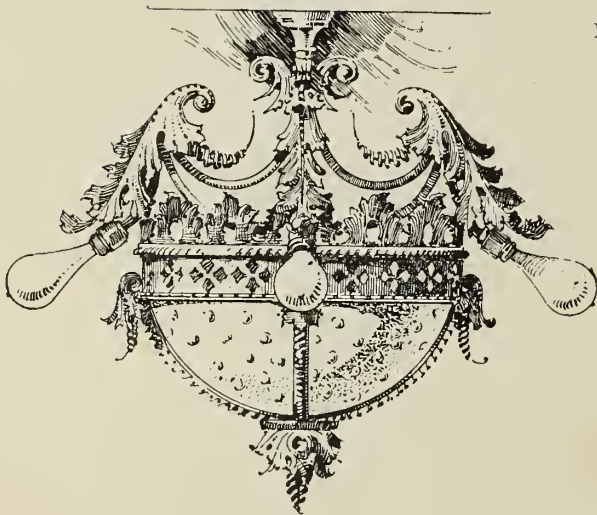
A.—WALL ELECTROLIER.
Wrought Iron, Hammered Leaf.



B.—WALL ELECTROLIER.
Wrought Iron, Hammered Leaf.



C.—STREET LAMP.
Wrought Iron,
Poulson & Eger.

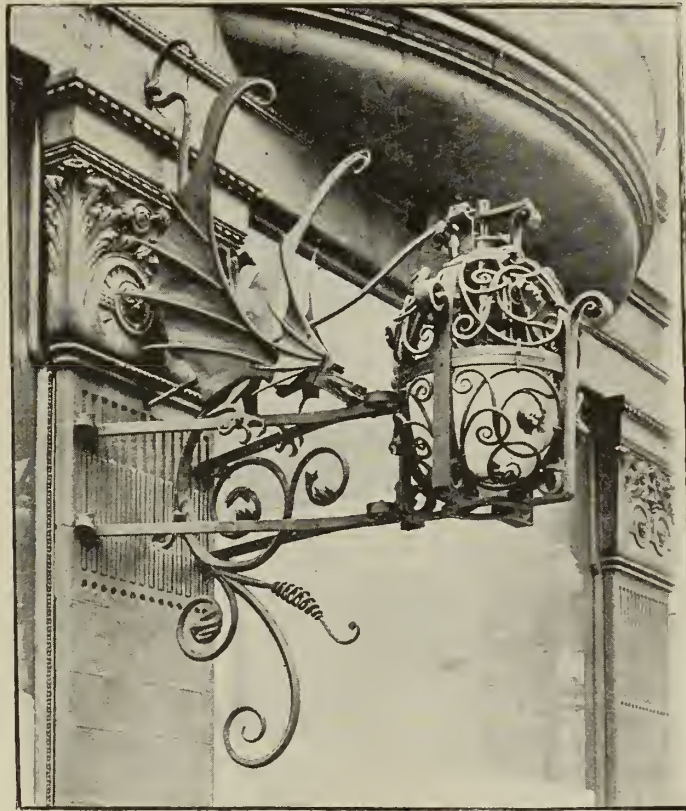


D.—CEILING LIGHT.
Wrought Iron, Hammered Leaf.



E.—ELECTROLIER.
Wrought Iron, Hammered Leaf.

Lamps, Lanterns and Electroliers.

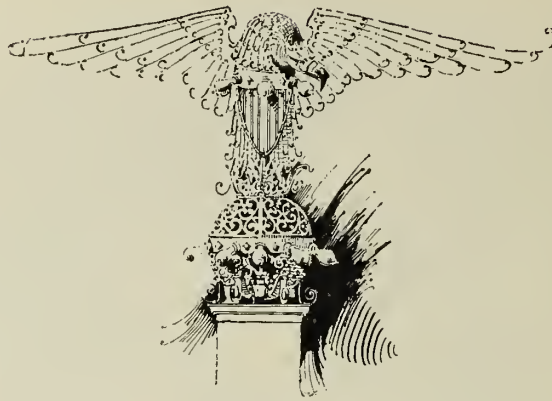


A.—ELECTROLIER, Great Northern Hotel, Chicago.
Wrought Iron, Bower-Barffed.



B.—ELECTROLIER AND NEWEL. Mills Building, San Francisco, Cal.
Wrought Iron, Hammered Leaf, Bower-Barffed.

Lamps, Lanterns and Electroliers.



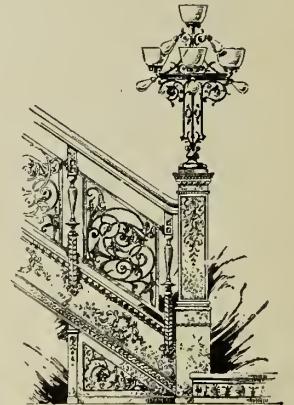
A.—ELECTROLIER.
Wrought Iron.



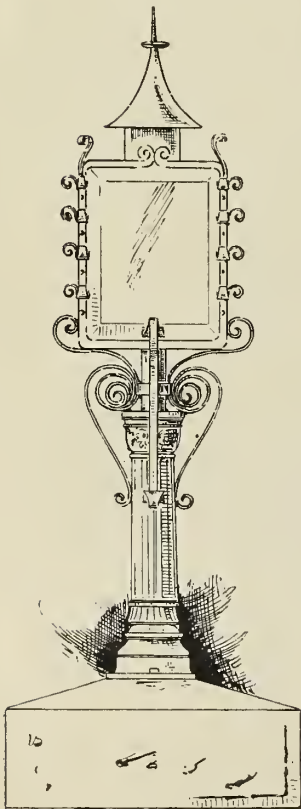
B.—LANTERN.
Wrought Iron.



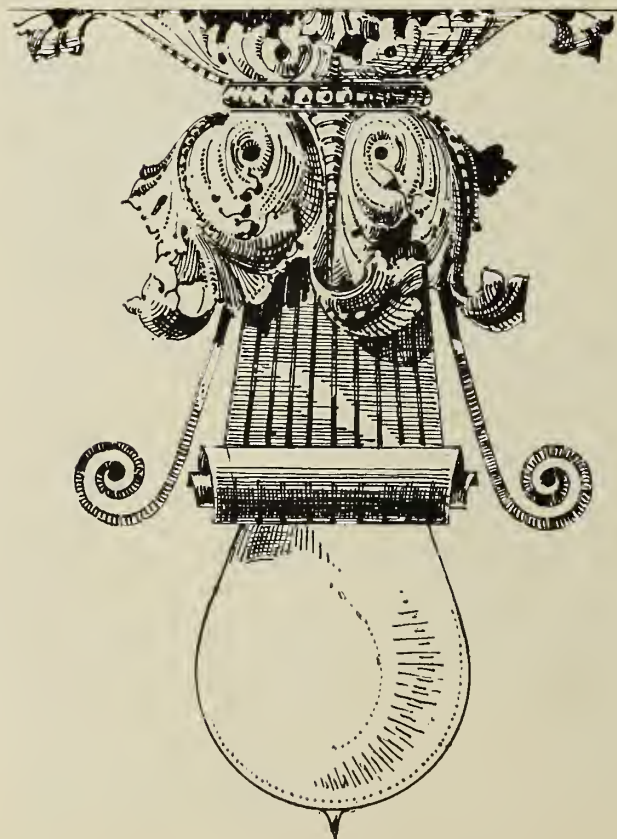
C.—LANTERN.
Wrought Iron.



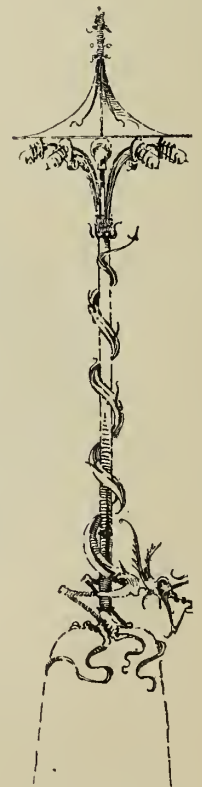
D.—ELECTROLIER.
Wrought Iron.



E.—STREET LAMP.
Wrought Iron.

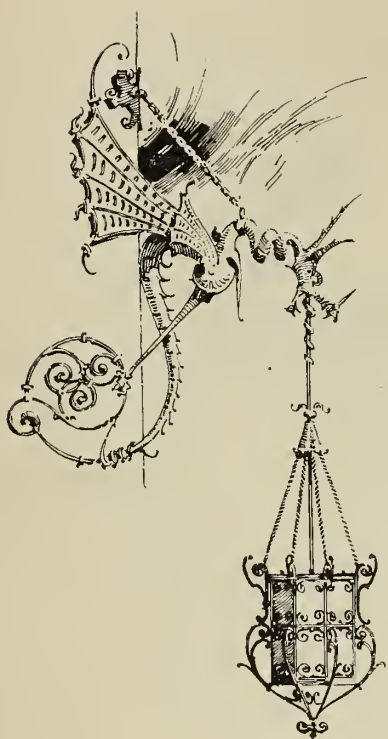


F.—INCANDESCENT LIGHT HOLDER.
Wrought Iron, Hammered Leaf.

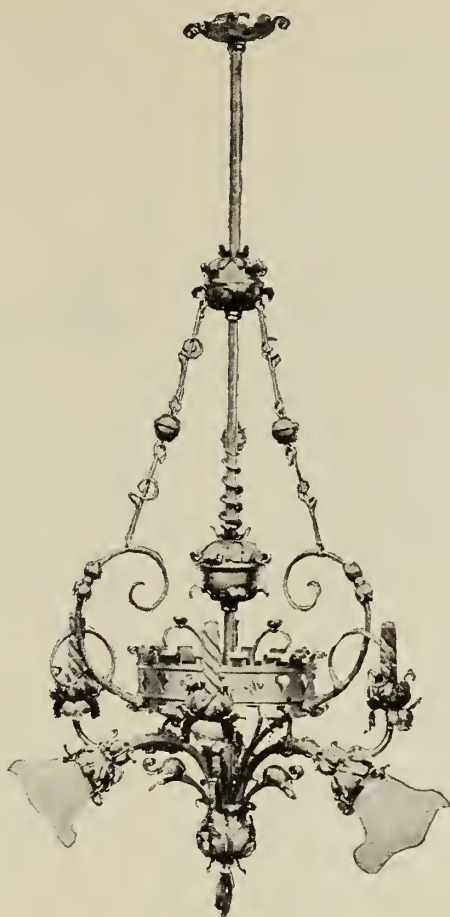


G.—STREET LAMP.
Wrought Iron.

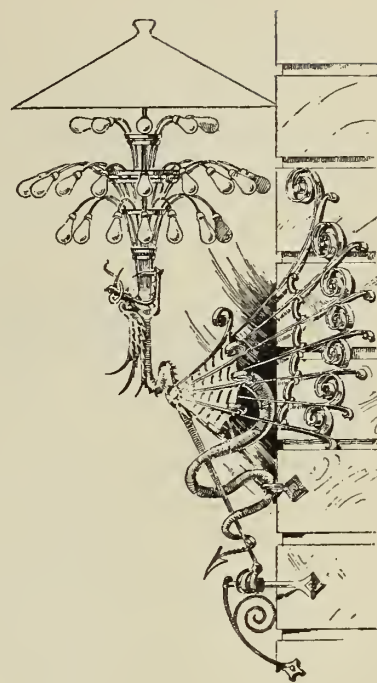
Lamps, Lanterns and Electroliers.



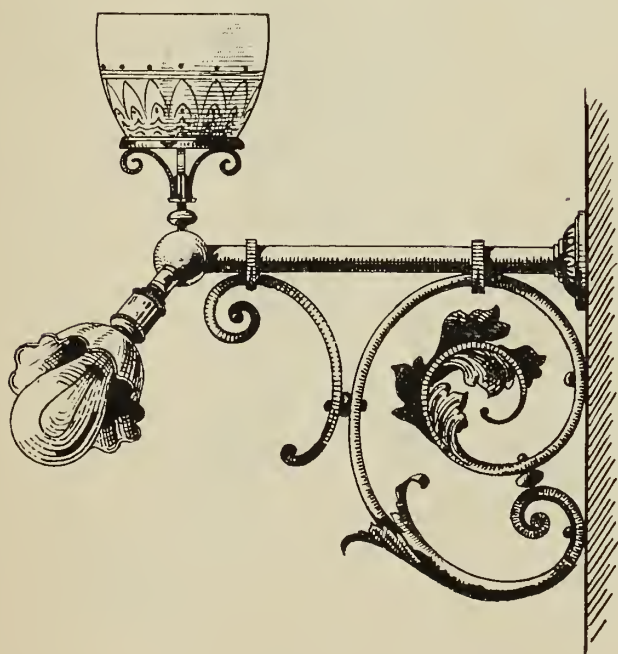
A.—LANTERN AND BRACKET.
Wrought Iron.



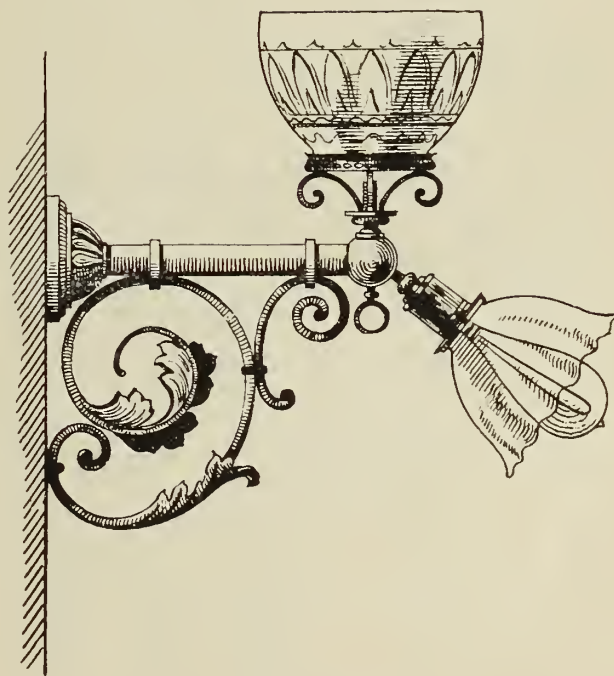
B.—ELECTROLIER.
Wrought Iron, Hammered Leaf.



C.—ELECTROLIER.
Wrought Iron.



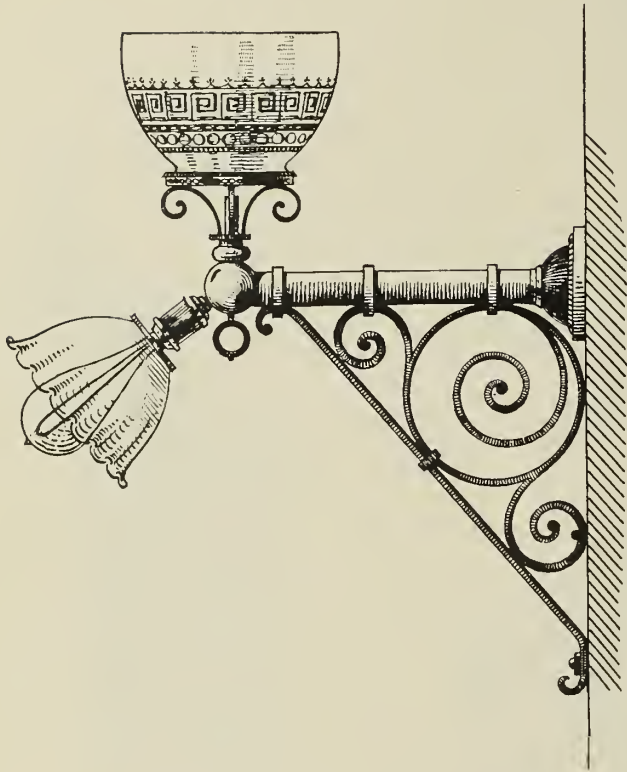
D.—WALL LIGHT.



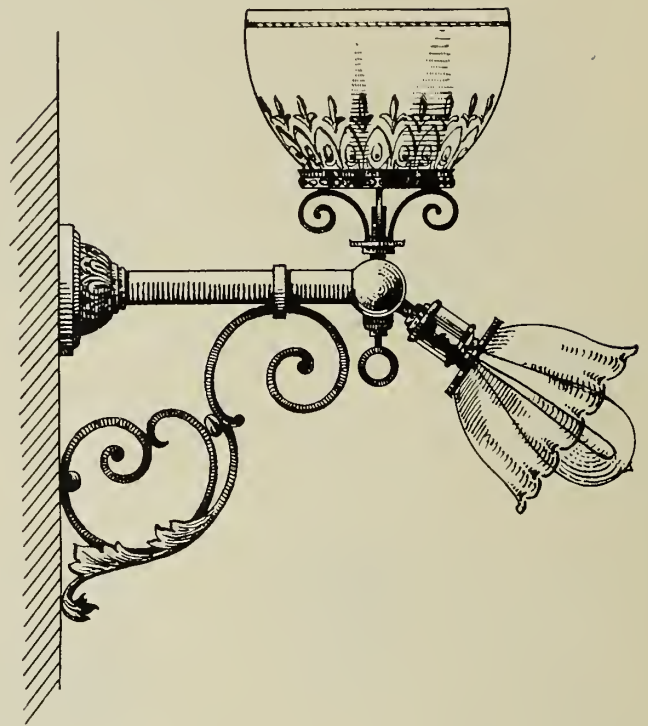
E.—WALL LIGHT.

Lamps, Lanterns and Electroliers.

(DESIGNS FOR.)

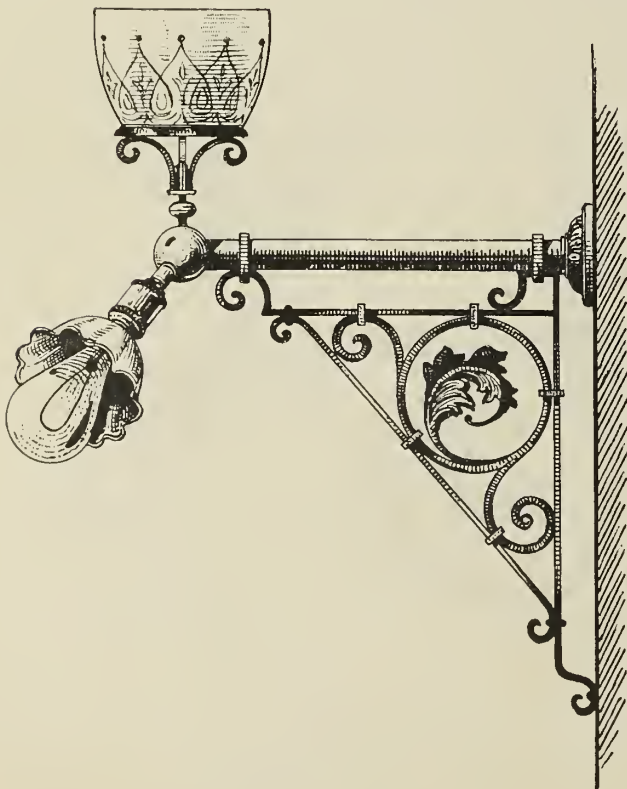


A.

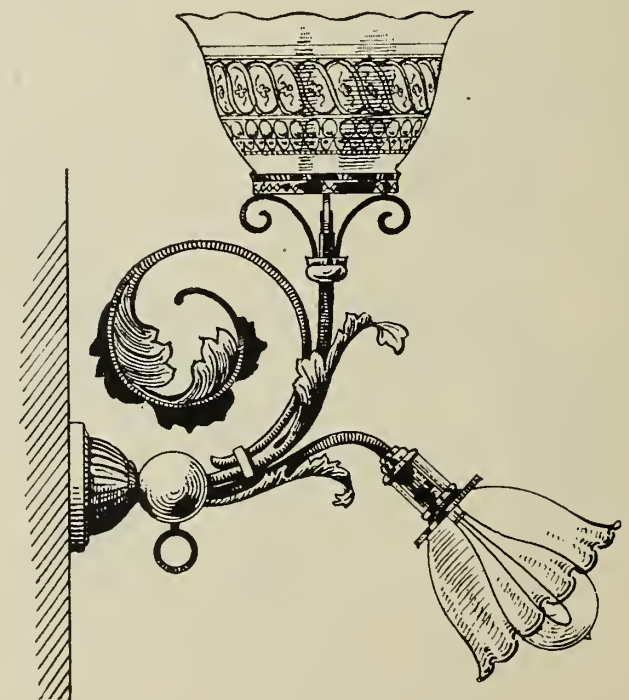


B.

WALL LIGHTS,
Wrought Iron.



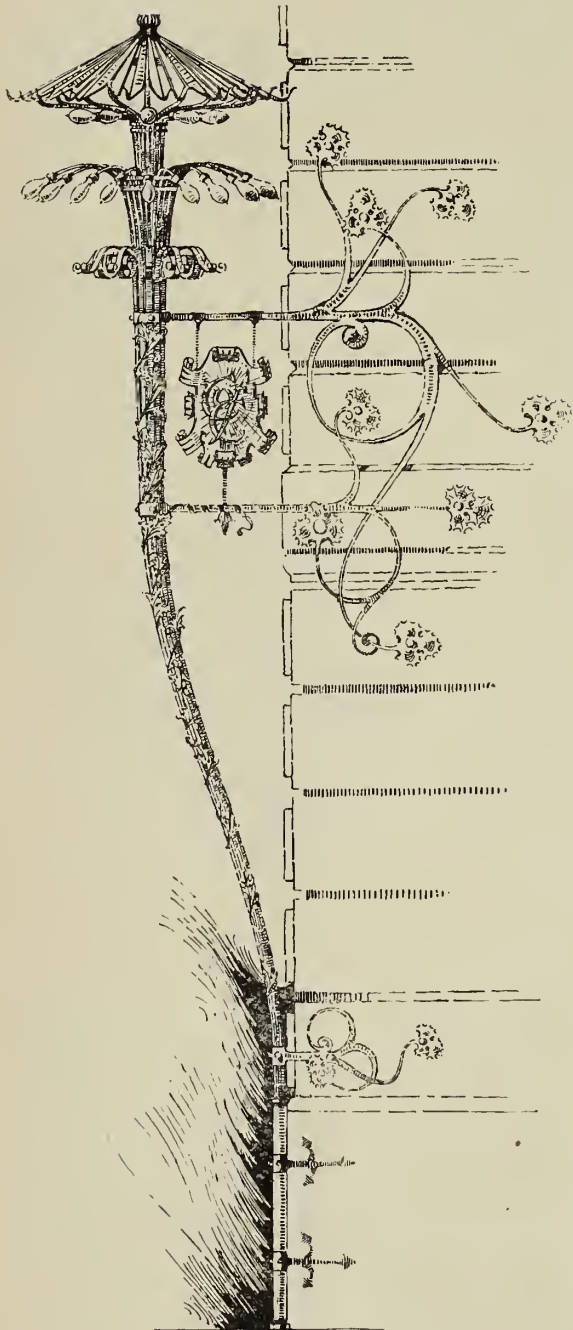
C.



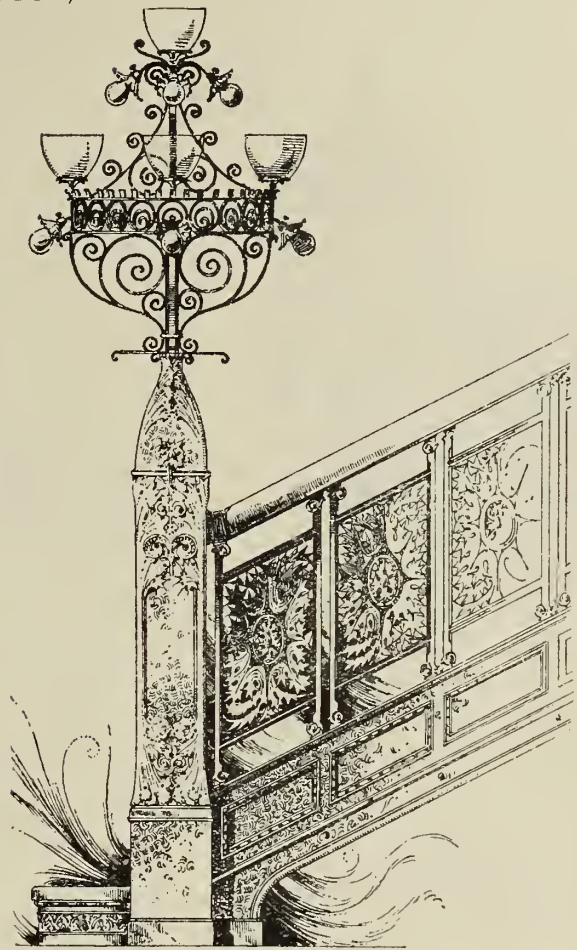
D.

Lamps, Lanterns and Electroliers.

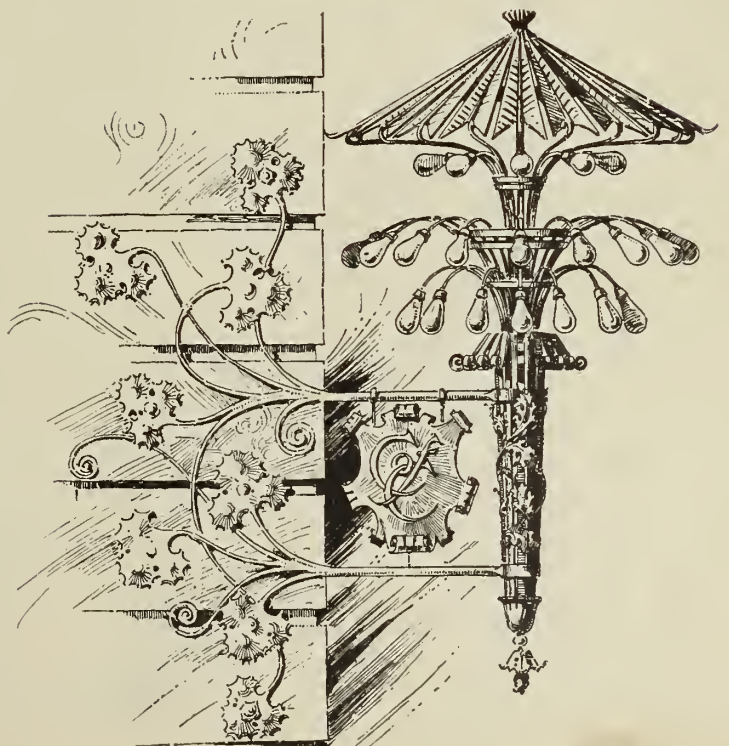
(DESIGNS FOR.)



A.—ELECTROLIER.
Wrought Iron.



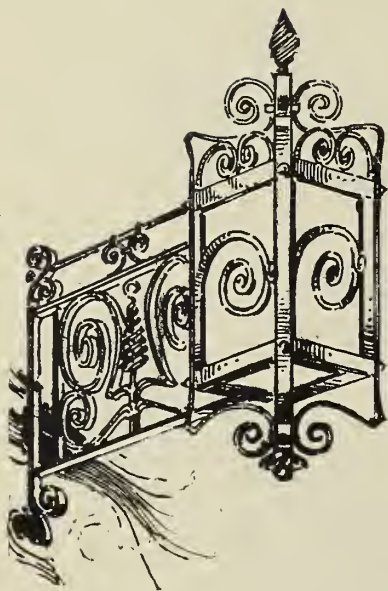
B.—ELECTROLIER AND NEWEL.



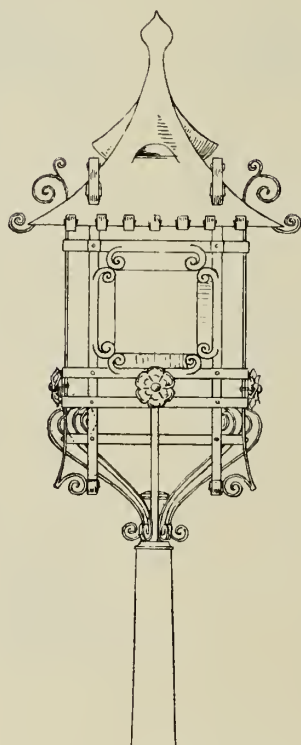
C.—ELECTROLIER.
Wrought Iron.

Lamps, Lanterns and Electroliers.

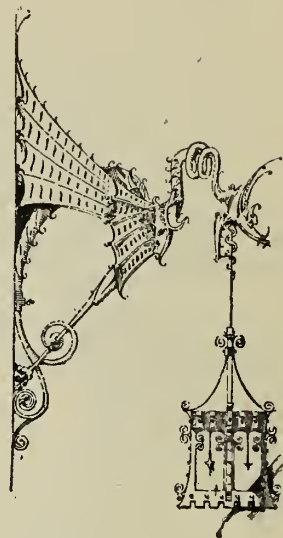
(DESIGNS FOR.)



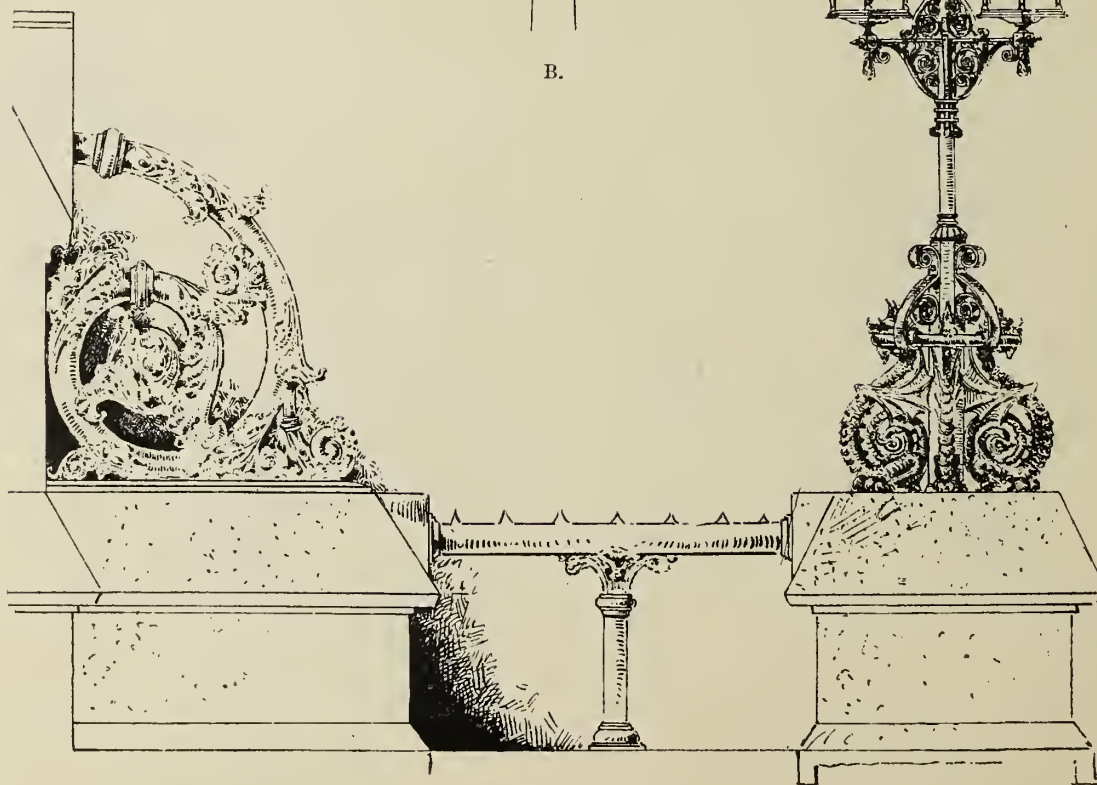
A.



B.

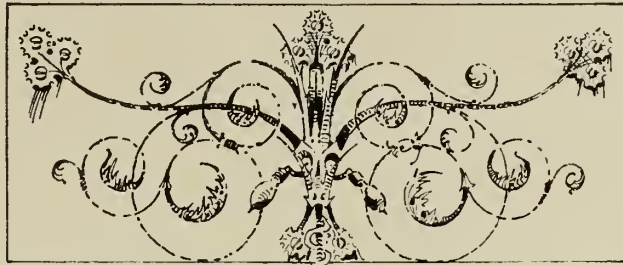


C.

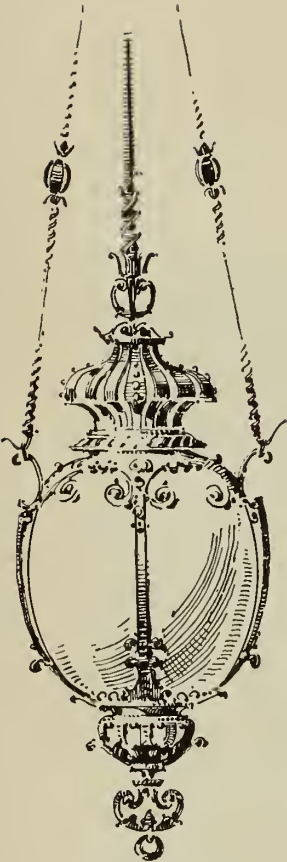


D.

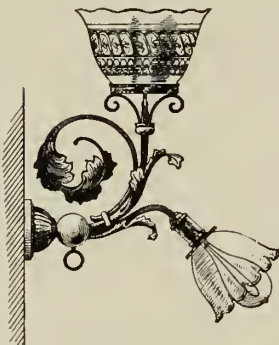
Lamps, Lanterns and Electroliers.



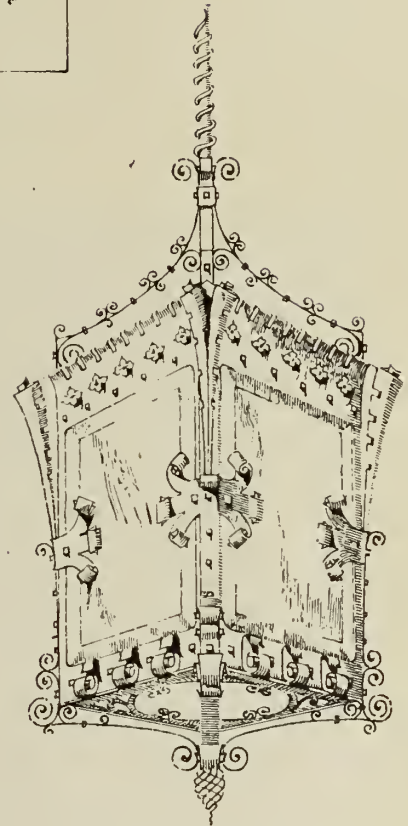
A.—ARC LIGHT HOLDER.
Wrought Iron.



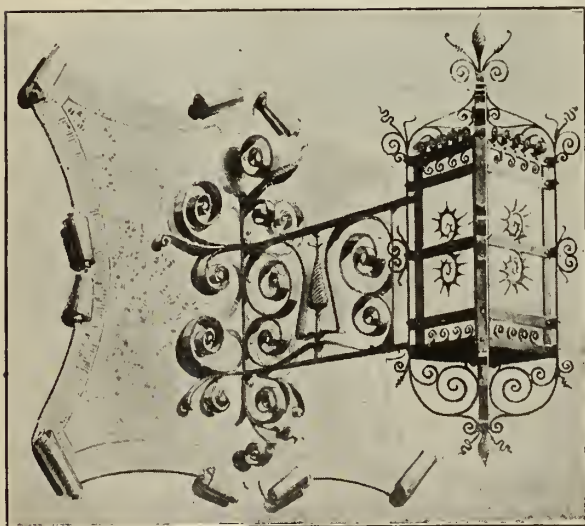
B.—HANGING LAMP.
Wrought Iron.



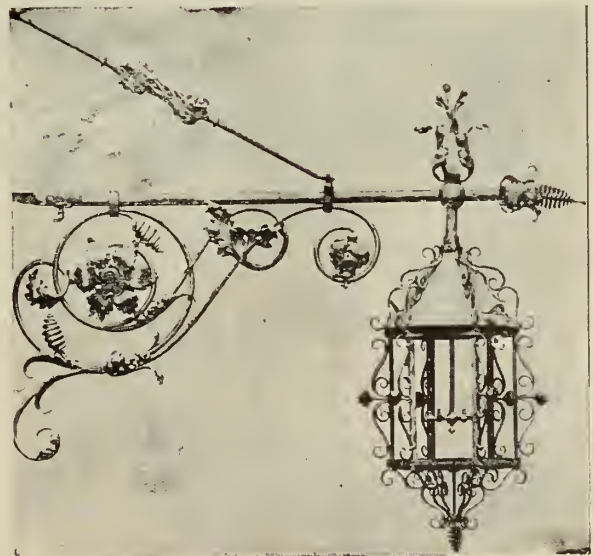
C.—WALL LIGHT.



D.—HANGING LAMP.
Wrought Iron.



E.—LANTERN AND BRACKET.
Wrought Iron.



F.—LANTERN AND BRACKET.
Wrought Iron.

Counter Railings.



COUNTER RAILING, OFFICE OF GEN. JOS. T. TORRENCE, MONADNOCK, CHICAGO.

Wrought Iron, Bower-Barffed.

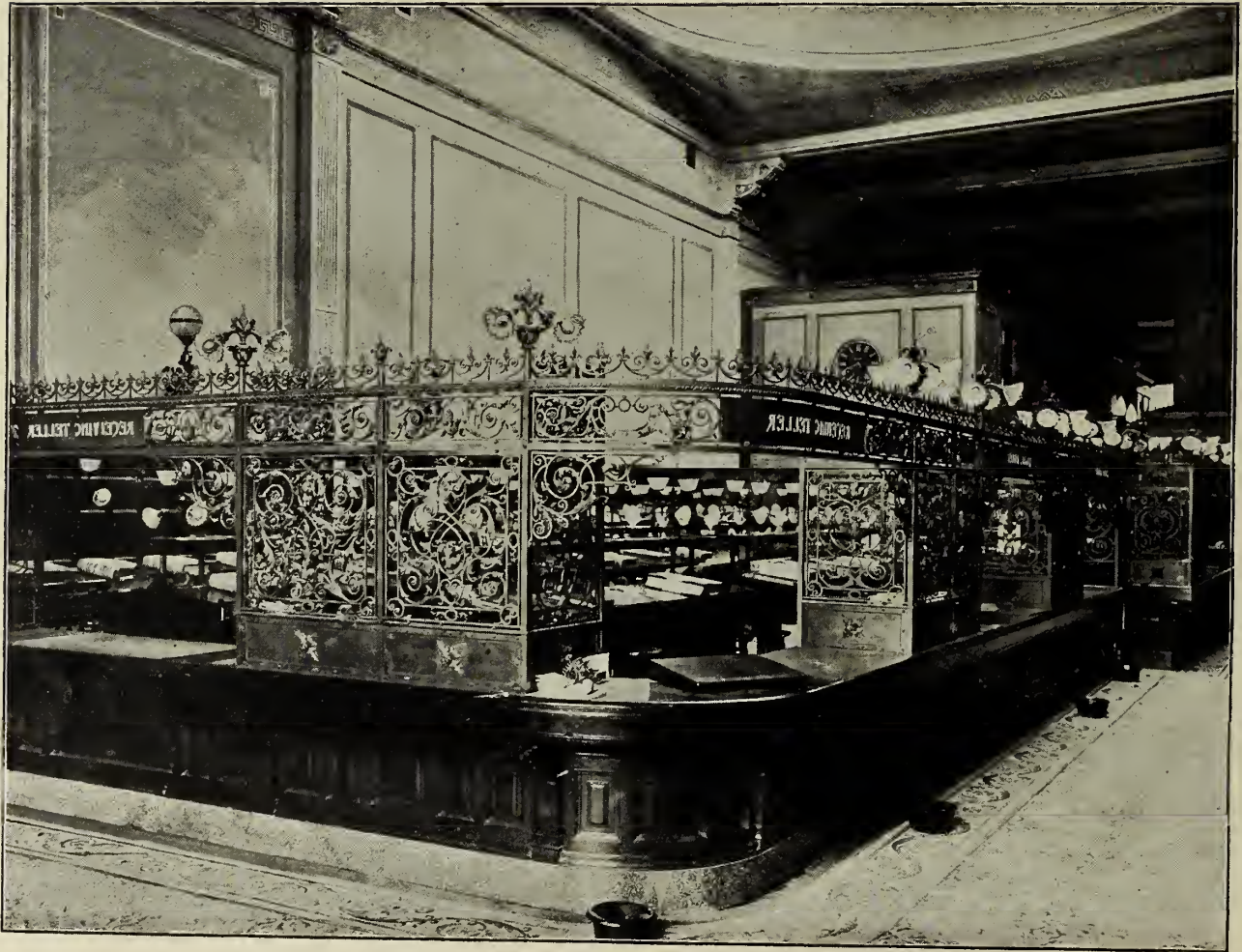
Counter Railings.



COUNTER RAILING, SOCIETY FOR SAVINGS, CLEVELAND, O.

Wrought Iron, Bower-Barffed.

Counter Railings.



COUNTER RAILING, GERMAN SAVINGS AND LOAN SOCIETY, SAN FRANCISCO, CAL.

Wrought Iron, Hammered Leaf Work, Bower-Barffed.

Counter Railings.



COUNTER RAILING, OFFICE OF THE DAILY HERALD, CHICAGO.

Wrought Iron, Hammered Leaf Work, Bower-Barffed.

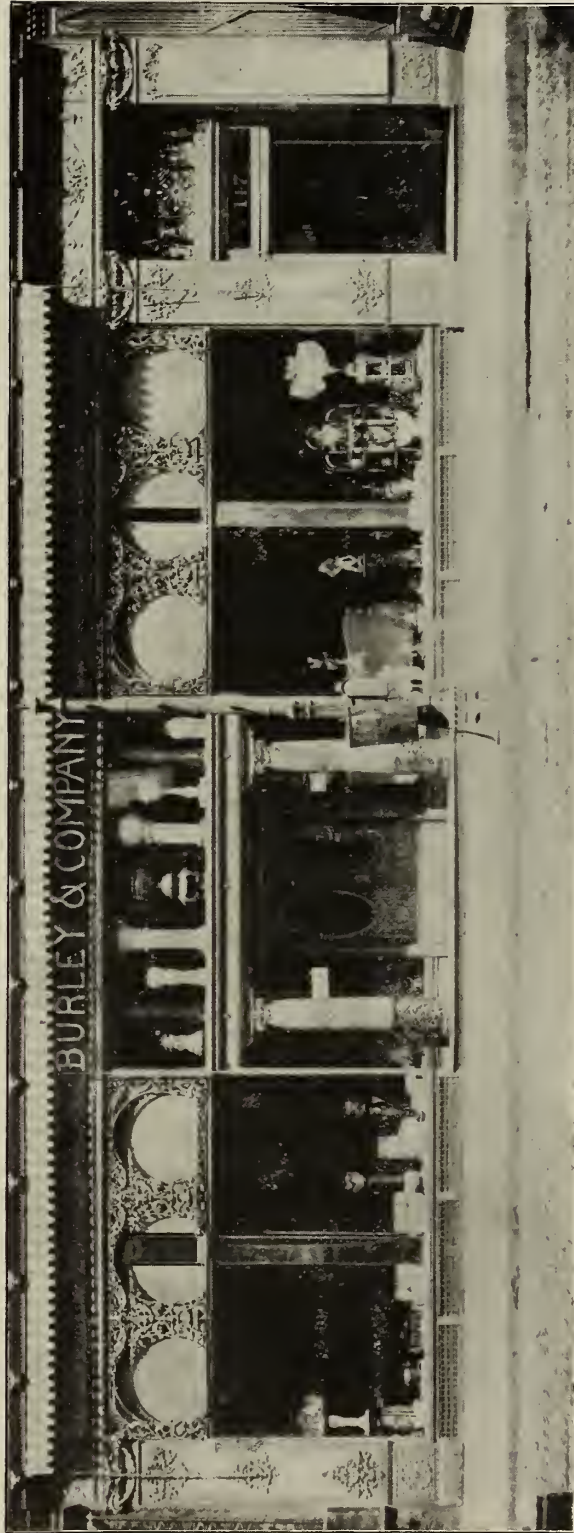
Store Fronts.



STORE FRONT, 202 MICHIGAN AVE., CHICAGO.

Cast Iron, Duplex Plated in Bronze.

Store Fronts.



STORE FRONT, No. 145 STATE STREET, CHICAGO.

Duplex Bronze and Mosaic.

Entrances.



ENTRANCE, 147 STATE STREET, CHICAGO.

Duplex Bronze.

Entrances.



GRILLE AND ENTRANCE GATE, GERMAN SAVINGS AND LOAN SOCIETY BUILDING, SAN FRANCISCO, CAL.

Wrought Iron, Hammered Leaf Work, Bower-Barffed.

Entrances.



ENTRANCE, 145 STATE STREET, CHICAGO.

Duplex Bronze and Mosaic.

Entrances.



MAIN ENTRANCE, THE WOMAN'S TEMPLE, CHICAGO.

Cast Iron, Bower-Barffed.

Skylights.

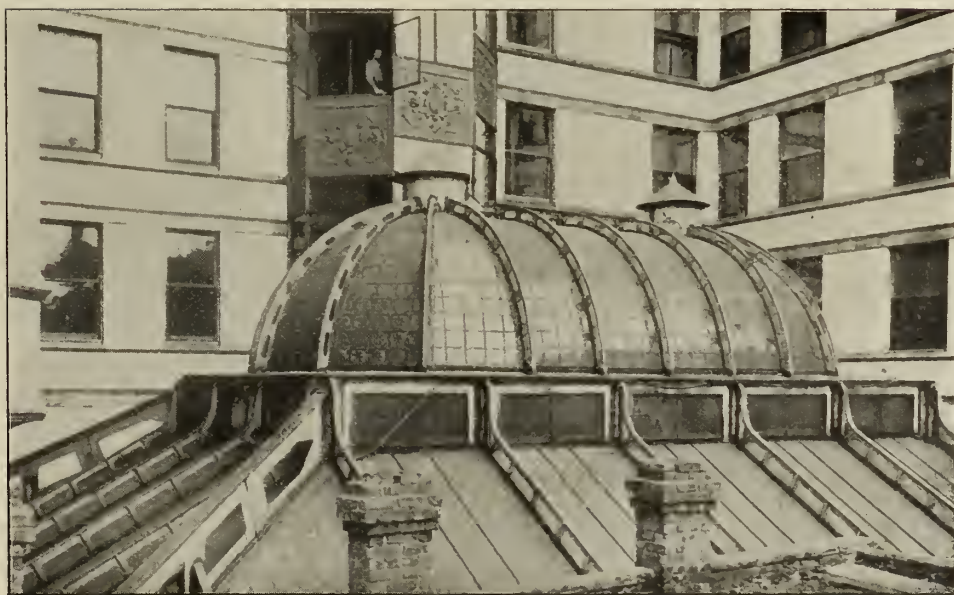


SKYLIGHT, MILLS BUILDING, SAN FRANCISCO, CAL.

Skylights.

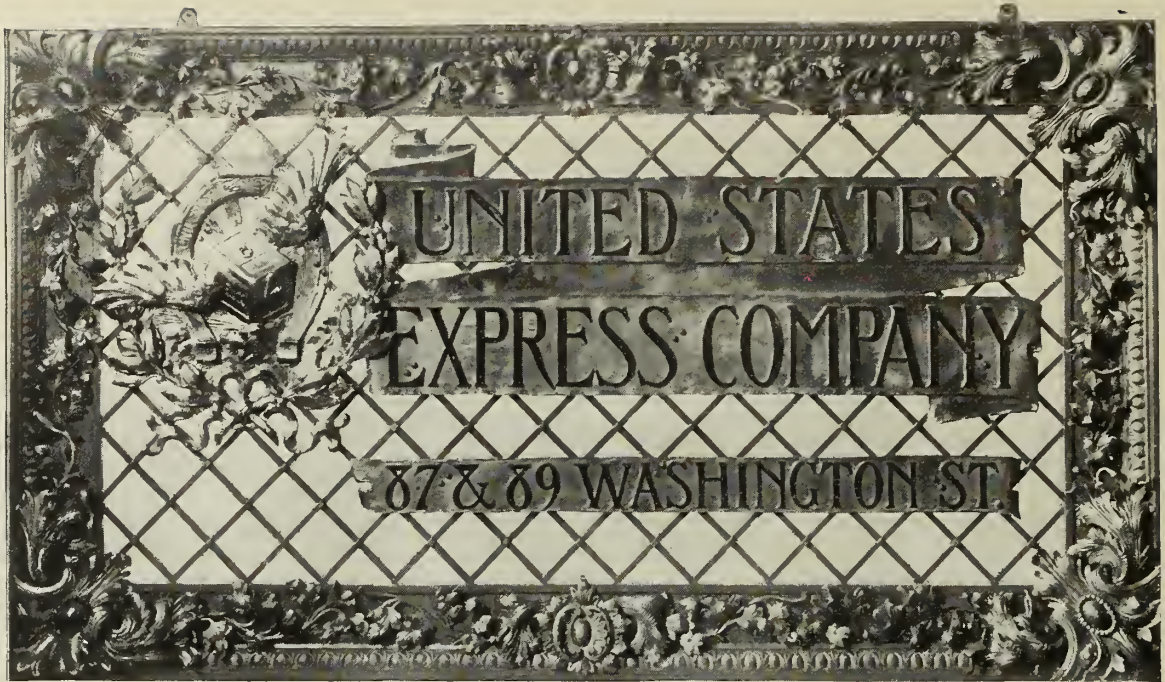


SKYLIGHT, COLUMBUS MEMORIAL BUILDING, CHICAGO.



SKYLIGHT, GREAT NORTHERN HOTEL, CHICAGO.

Signs.



SIGN. Wrought Iron Frame, Letters and Monogram.
Galvanoplastic, Gold Plated.

A, B and C of Wrought Iron, Bower-Barffed.



A.



B.



C.

Wall and Ceiling Ornaments.

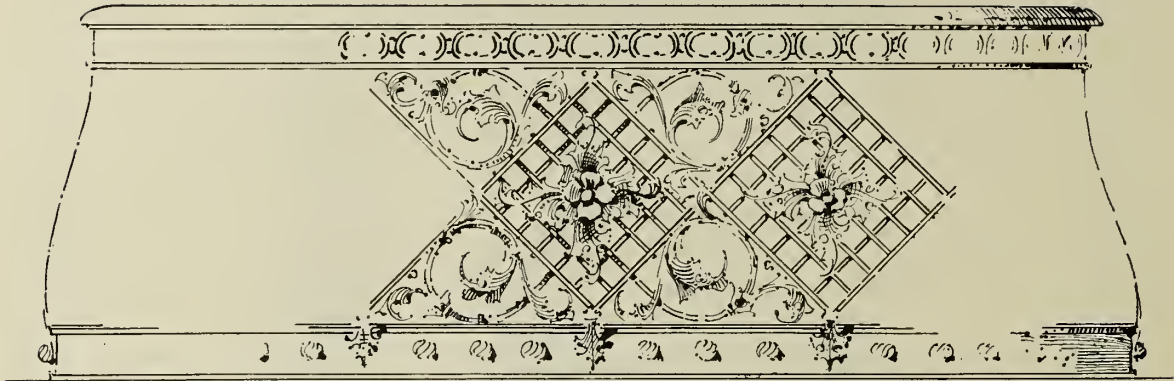


INTERIOR, COLUMBUS MEMORIAL BUILDING, CHICAGO.
Column and Ceiling Ornaments in Galvanoplastic, Fire Gilt.



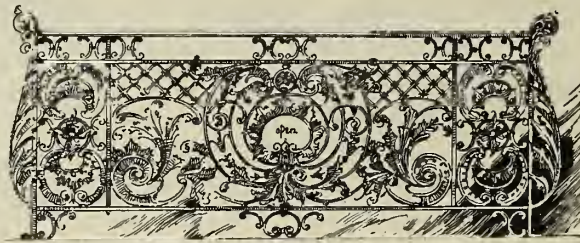
INTERIOR, COLUMBUS MEMORIAL BUILDING, CHICAGO.
Wall and Ceiling Ornaments in Galvanoplastic, Fire Gilt.

Balcony Railings.



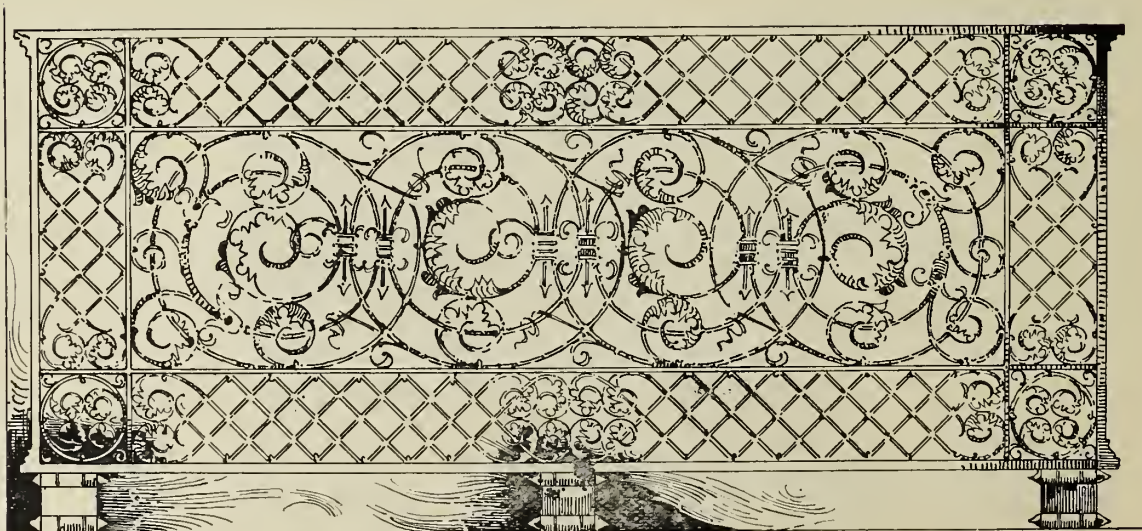
A.—BALCONY RAILING.

Wrought Iron.



B.—BALCONY RAILING.

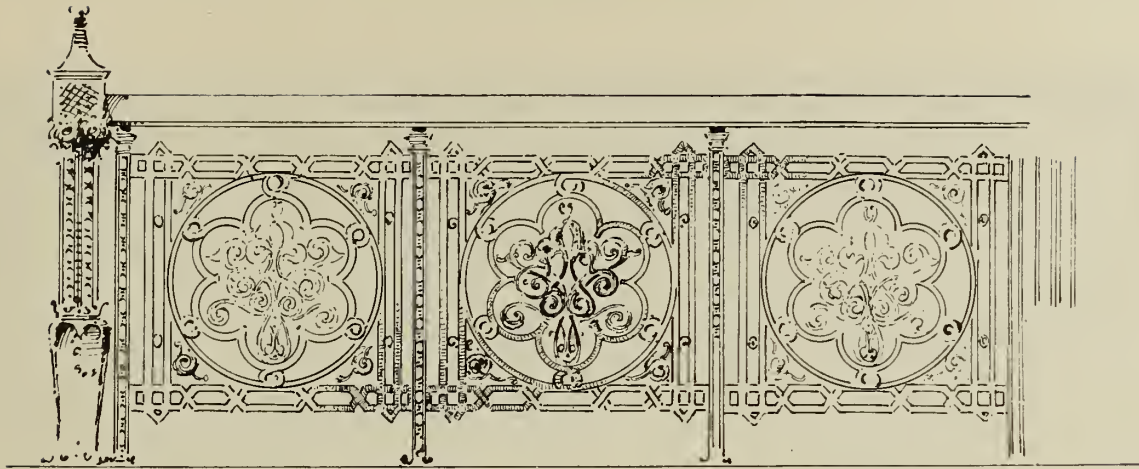
Wrought Iron.



C.—BALCONY RAILING.

Wrought Iron.

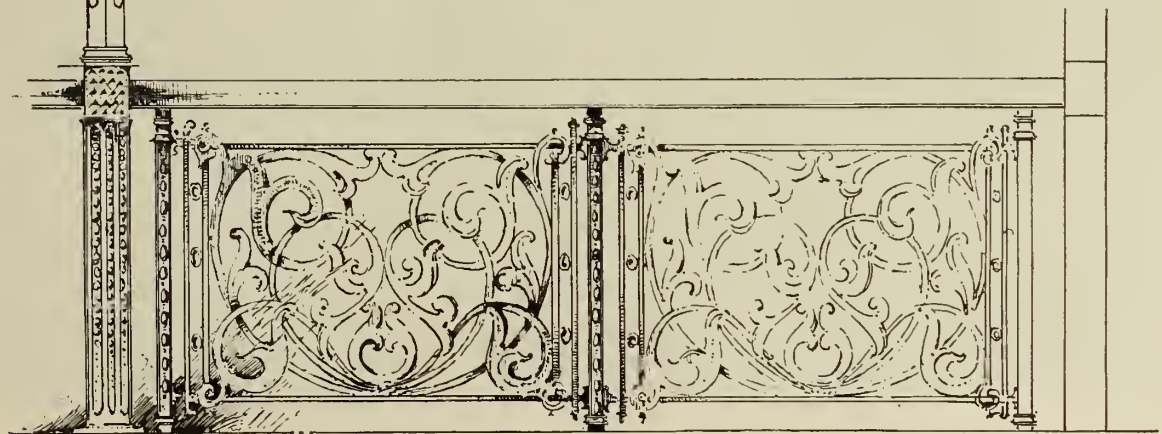
Balcony Railings.



A.

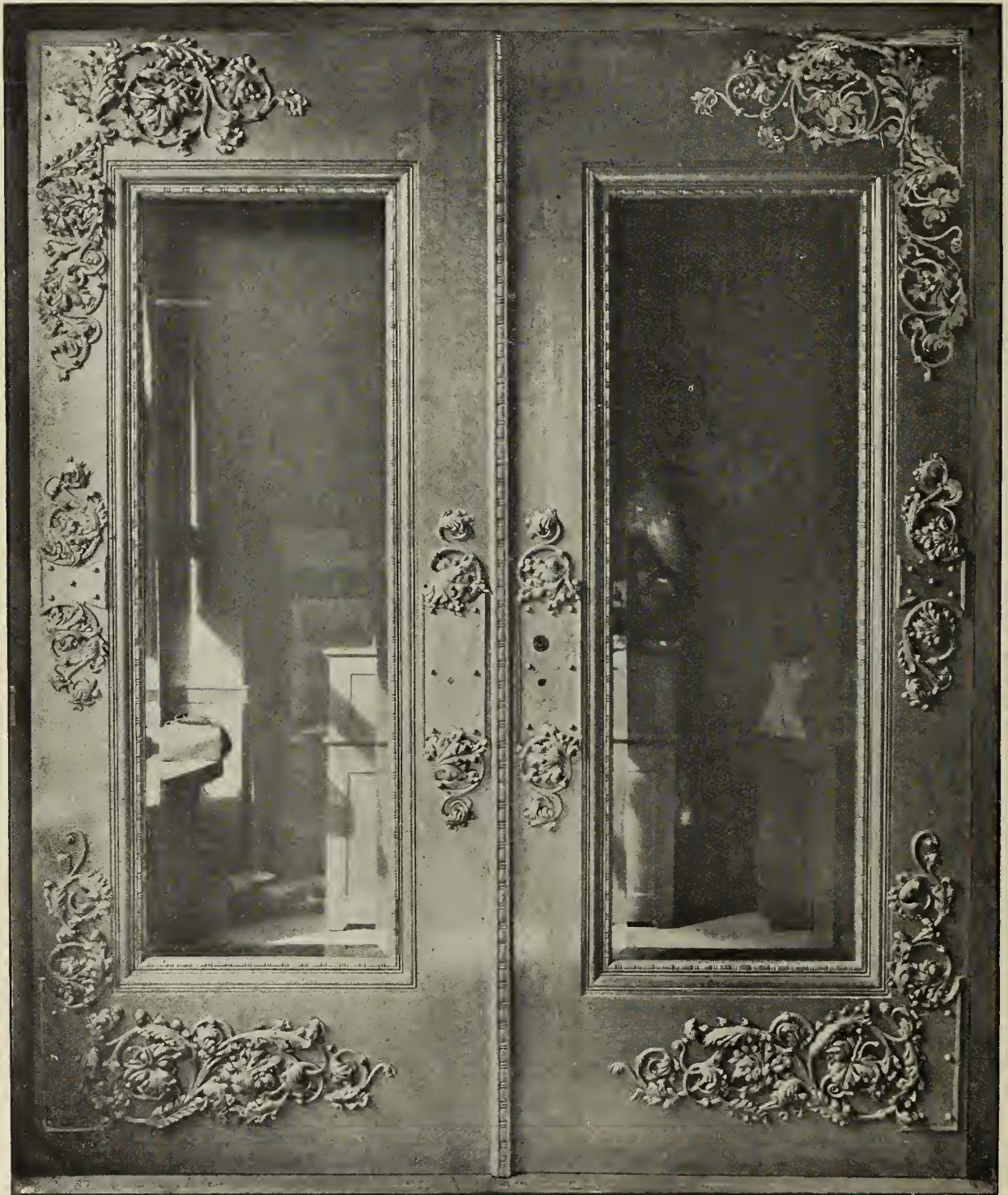


B.



C.

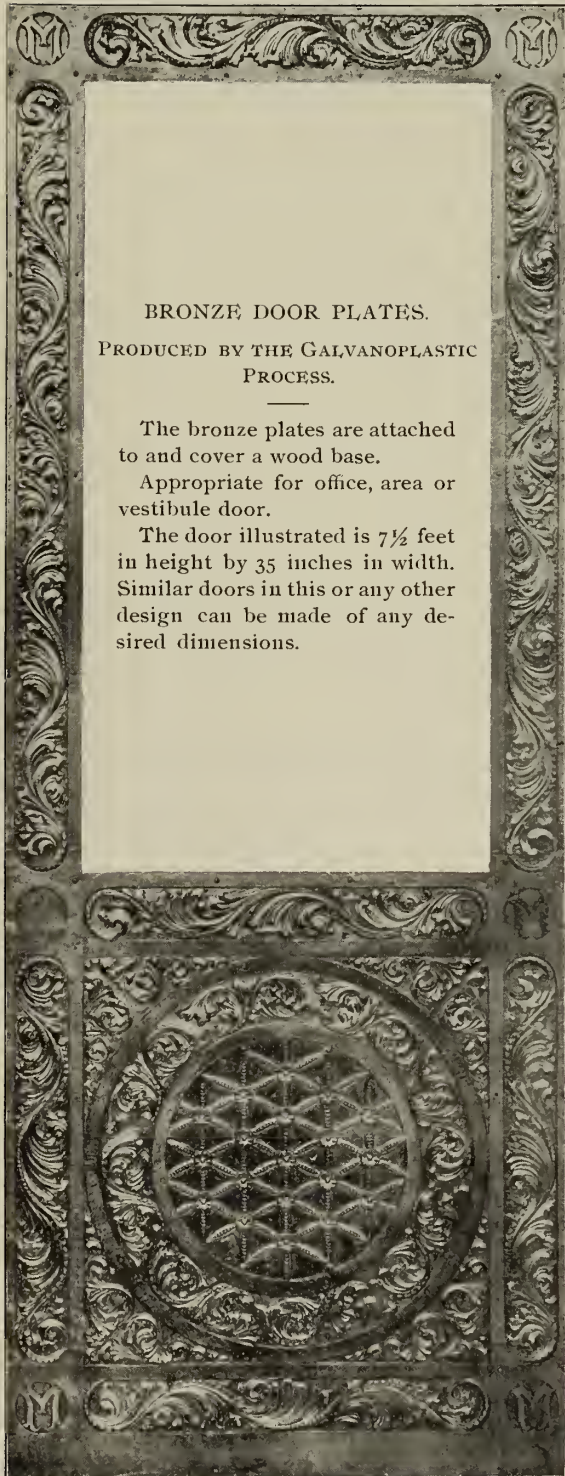
Door Plates.



DOOR PLATES AND HINGES.

Wrought Iron, Bower-Barffed.

Door Plates.



BRONZE DOOR PLATES.
PRODUCED BY THE GALVANOPLASTIC
PROCESS.

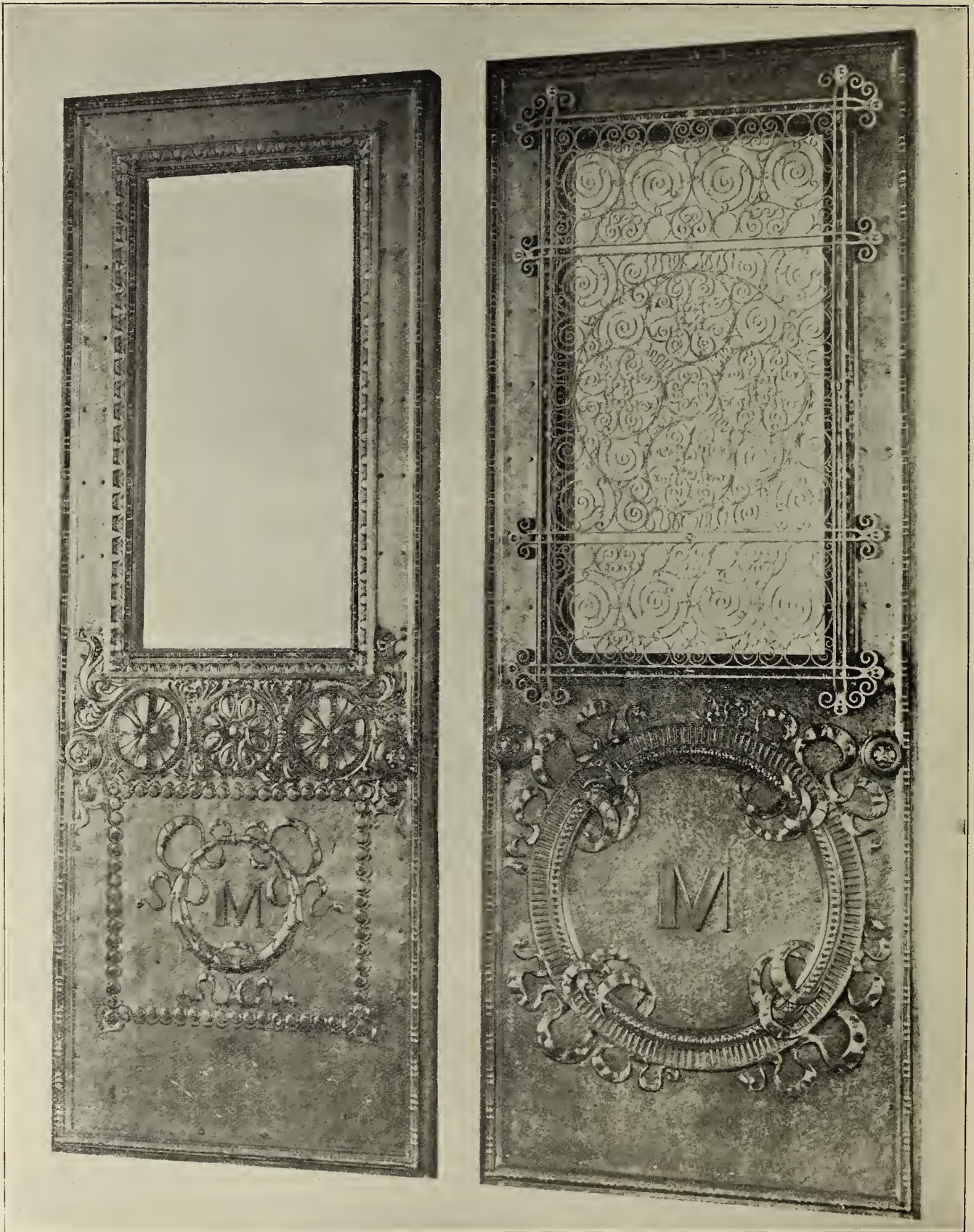
The bronze plates are attached to and cover a wood base.
Appropriate for office, area or vestibule door.
The door illustrated is $7\frac{1}{2}$ feet in height by 35 inches in width. Similar doors in this or any other design can be made of any desired dimensions.

A.—DOOR PLATES.
Galvanoplastic, Bronze.



B.—DOOR PLATE.
Galvanoplastic, Bronze.

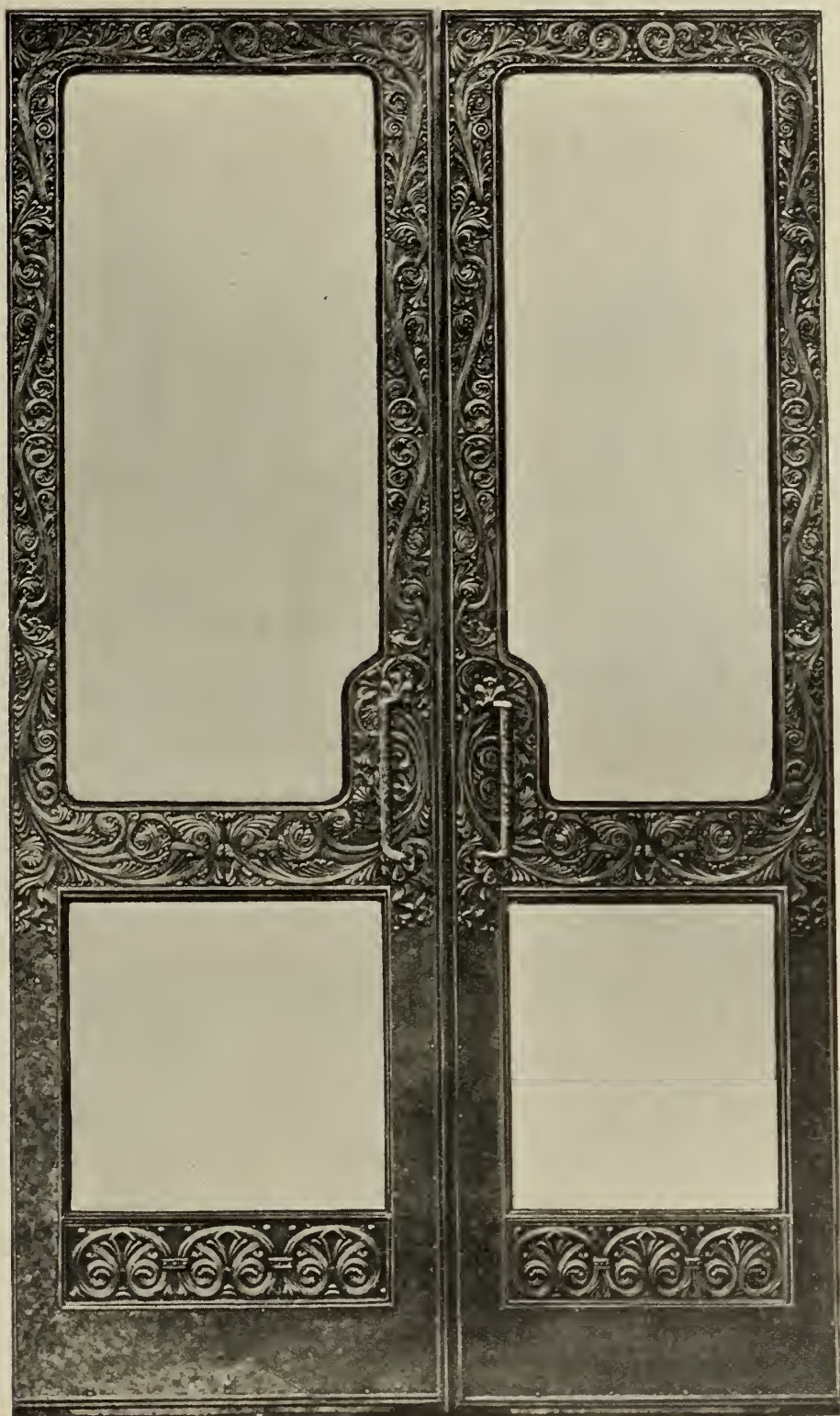
Door Plates.



DOOR PLATES, METROPOLITAN OPERA HOUSE, ST. PAUL, MINN.

Bronze, Galvanoplastic.

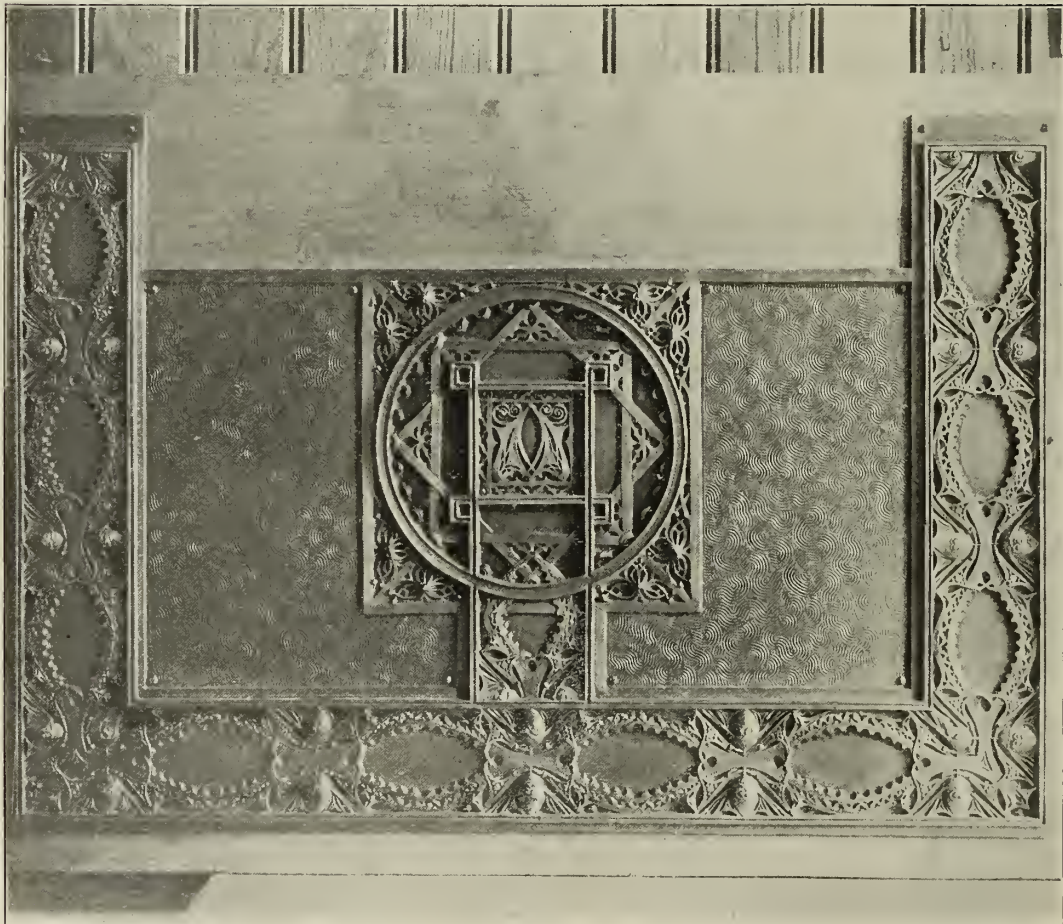
Door Plates.



DOOR PLATES.

Bronze, Galvanoplastic.

Door Plates.



DOOR ("KICK") PLATE, CHICAGO STOCK EXCHANGE BUILDING.

Cast Iron, Bower-Barffed.

DOOR KNOCKER.



DOOR KNOCKER.

Wrought Iron, Bower-Barffed.

Jardiniere.



JARDINIÈRE, PULLMAN BUFFET CARS.

Wrought Iron, Bower-Barffed.

Vases.



FLOWER VASE HOLDERS.
Wrought Iron, Hammered Leaf Work.

Kettle Stands.



KETTLE STANDS.

Wrought Iron, Hammered Leaf Work, Bower-Barffed.

Fire Dogs.



A.

FIRE DOGS.

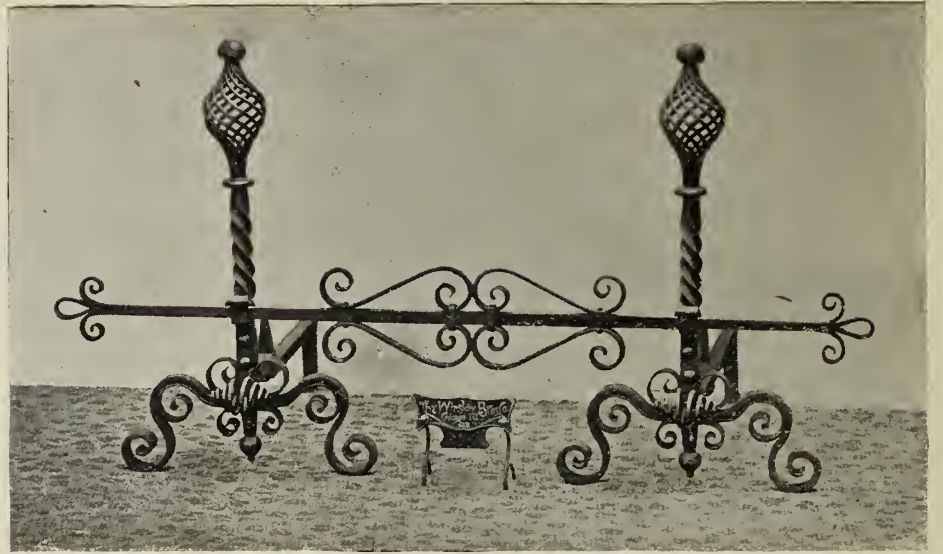
Wrought Iron, Bower-Barffed.



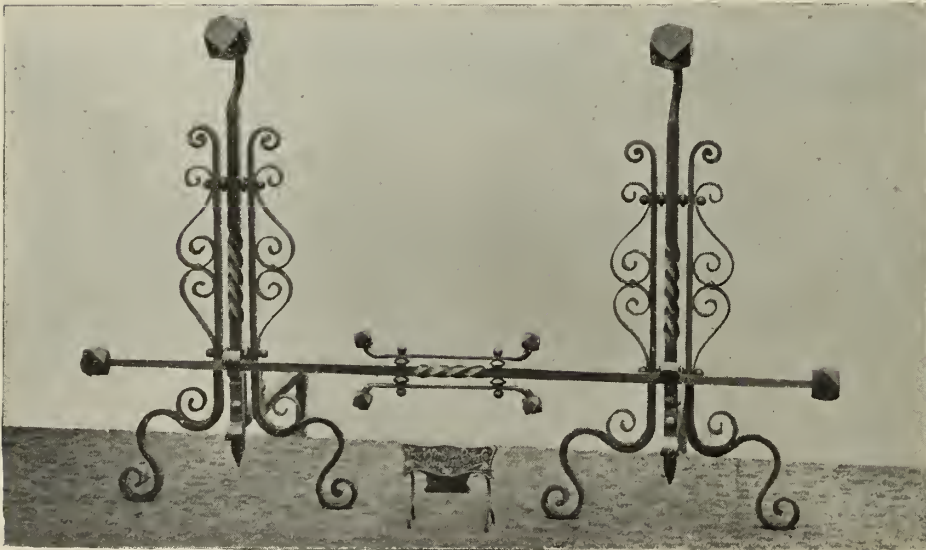
B.

Fire Dogs.

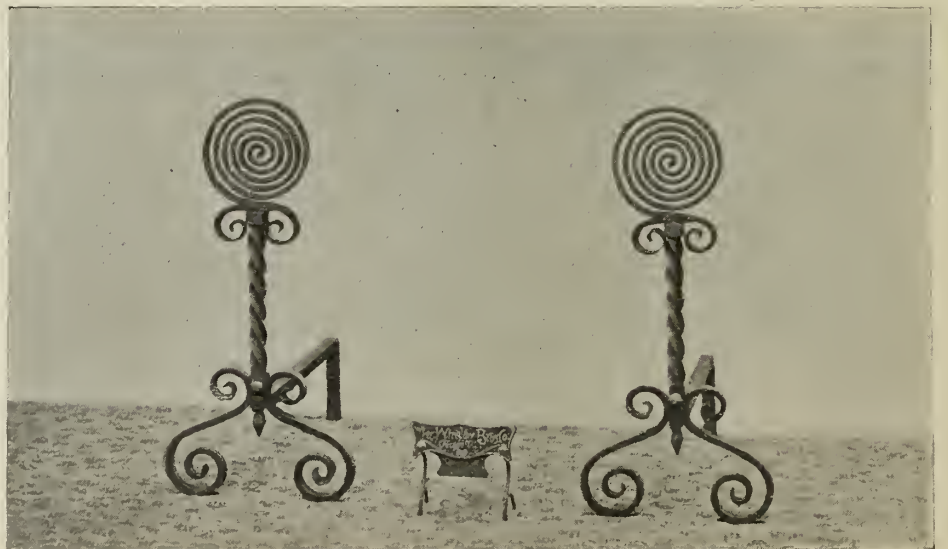
FIRE DOGS.
Wrought Iron, Bower-Barffed.



A.



B.



C.

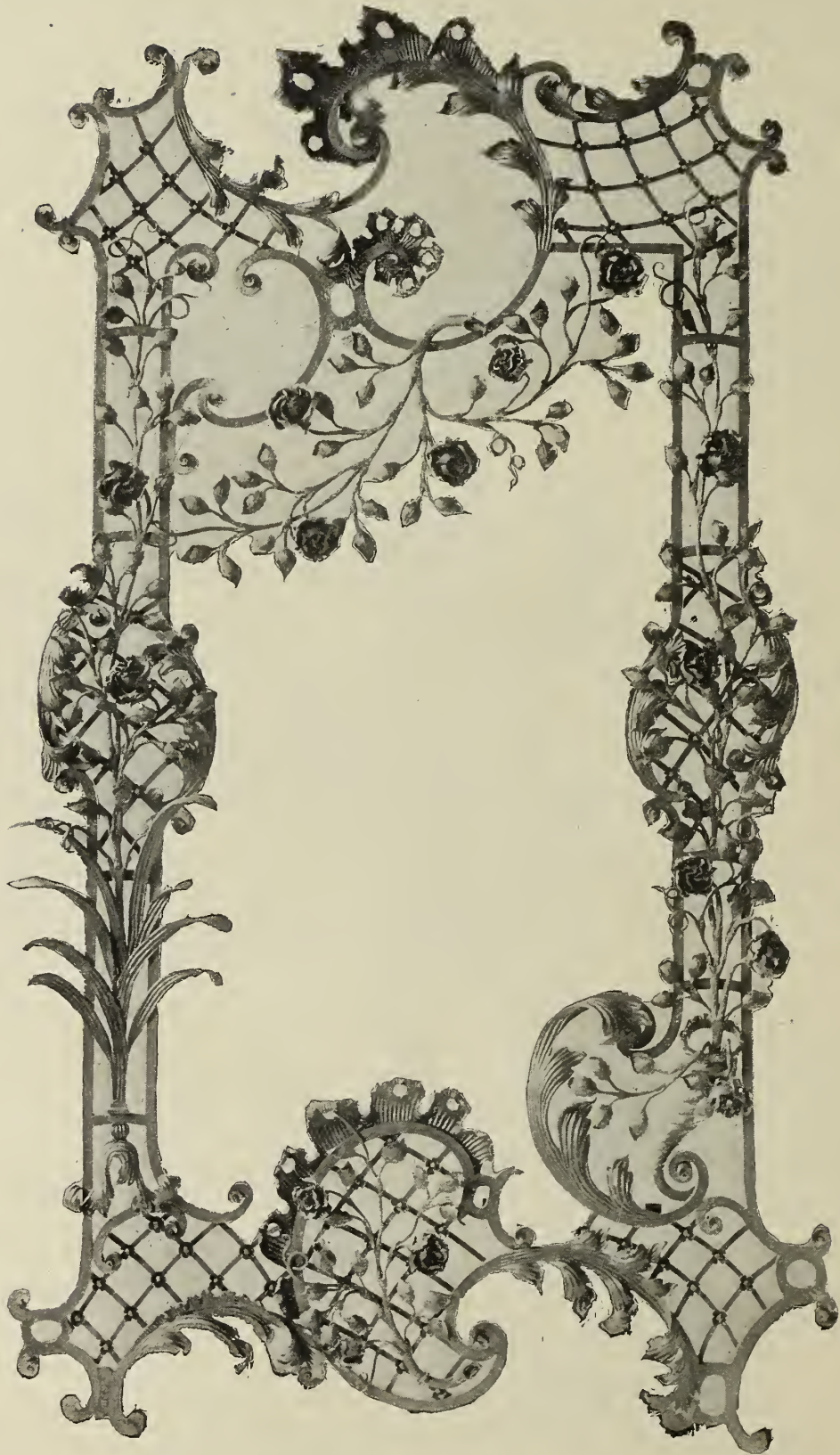
Hall Bells.



JAPANESE BELL OF BRONZE.

Bracket, Wrought Iron, Hammered Leaf, Bower-Barfed.

Frames.



MIRROR FRAME.

Wrought Iron, Hammered Leaf Work, Bower-Barffed.

Flowers in Iron.



FLOWERS IN IRON.

Wrought by Hand, of Swedish Iron.

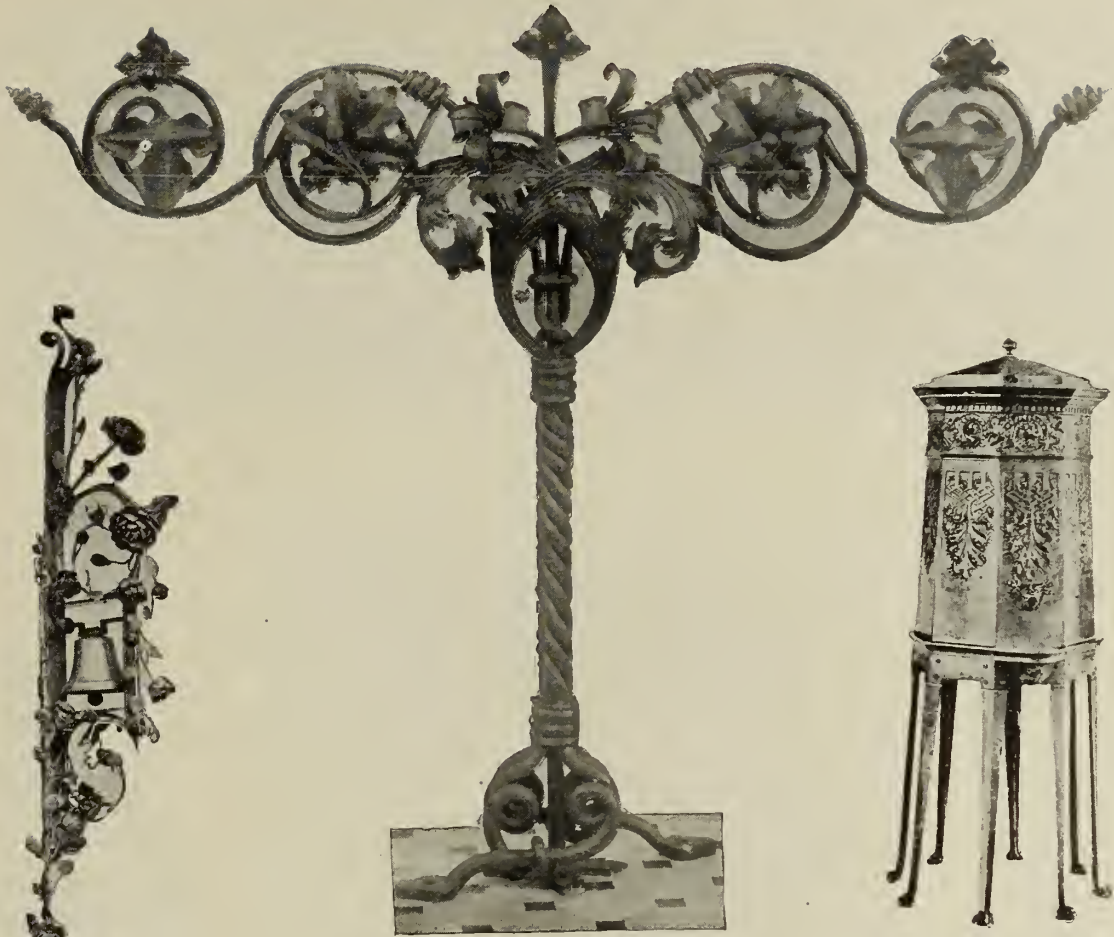
Miscellaneous.



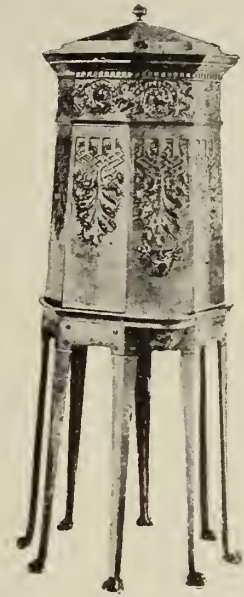
SHIELD.

Wrought Iron, Bower-Barffed.

Miscellaneous.



A.—SUPPORT FOR CHANCEL RAIL.
Wrought Iron, Hammered Leaf.



C.—DRINKING FOUNTAIN.
Cast Aluminium.



B.—HALL BELL.
Wrought Iron, Hammered Leaf.

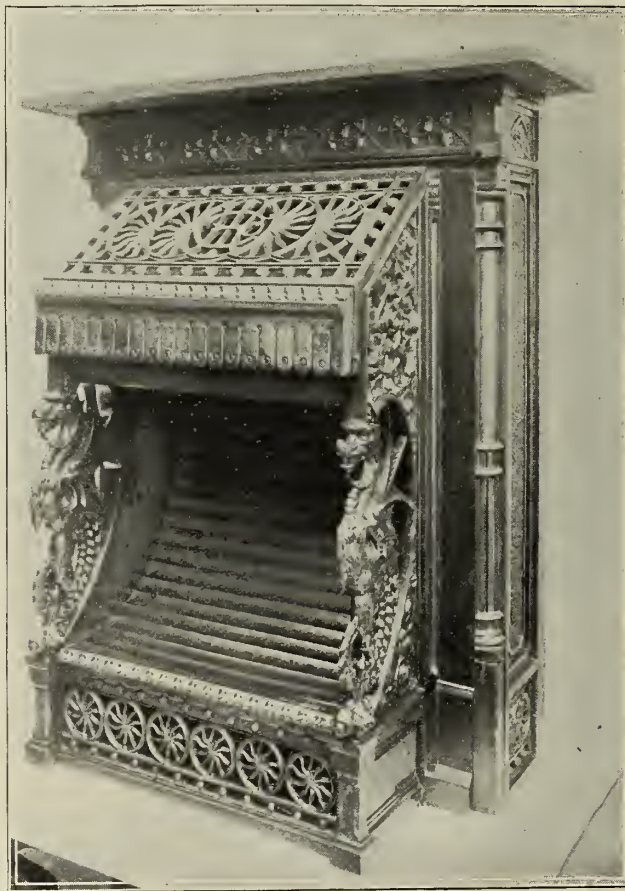


D.—WREATH AND MONOGRAM.
Wrought Iron, Hammered Leaf, Monogram Fire Gilt.

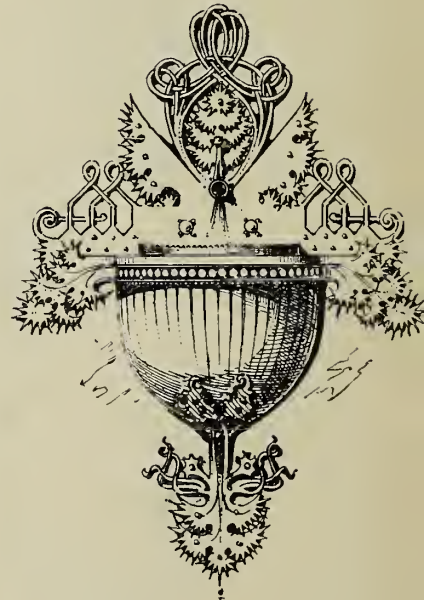
Miscellaneous.



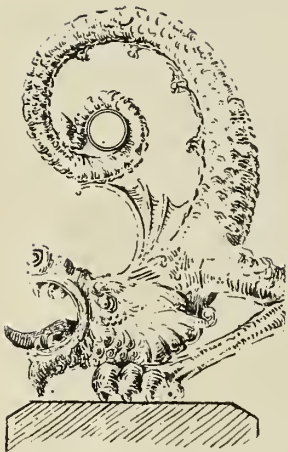
A.—CRESTING.
Wrought Iron, Bower-Barffed.



C.—GAS FIRE-PLACE.
Bronze Electroplated.



D.—DRINKING FOUNTAIN.
Copper Bronze.

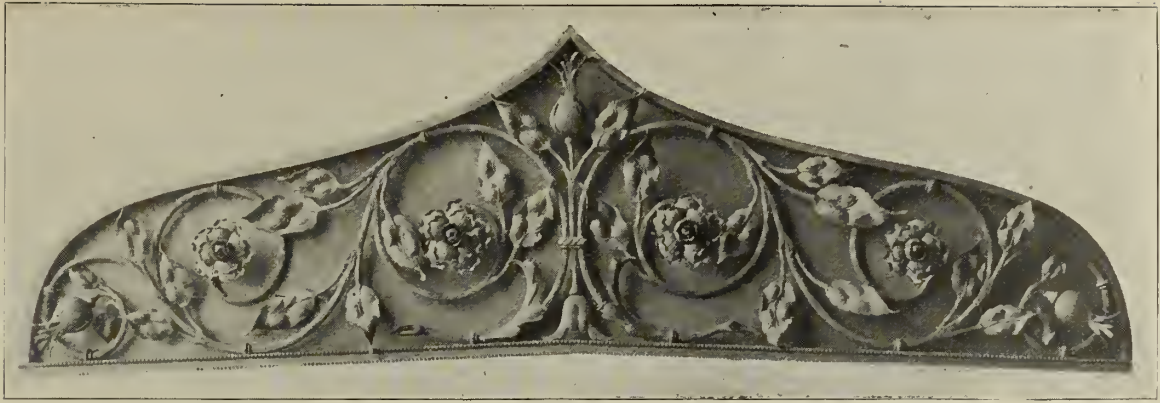


B.—RAIL SUPPORT.
Cast Iron.

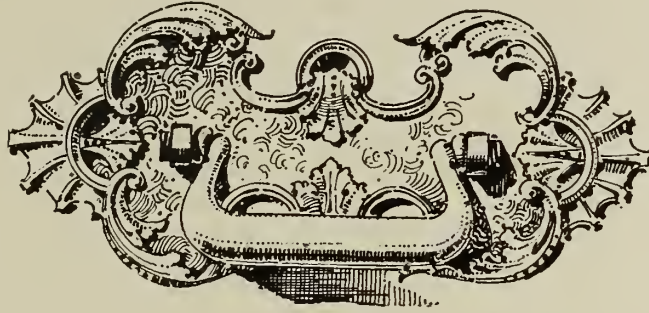


E.—CRESTING.
Wrought Iron, Hammered Leaf Work.

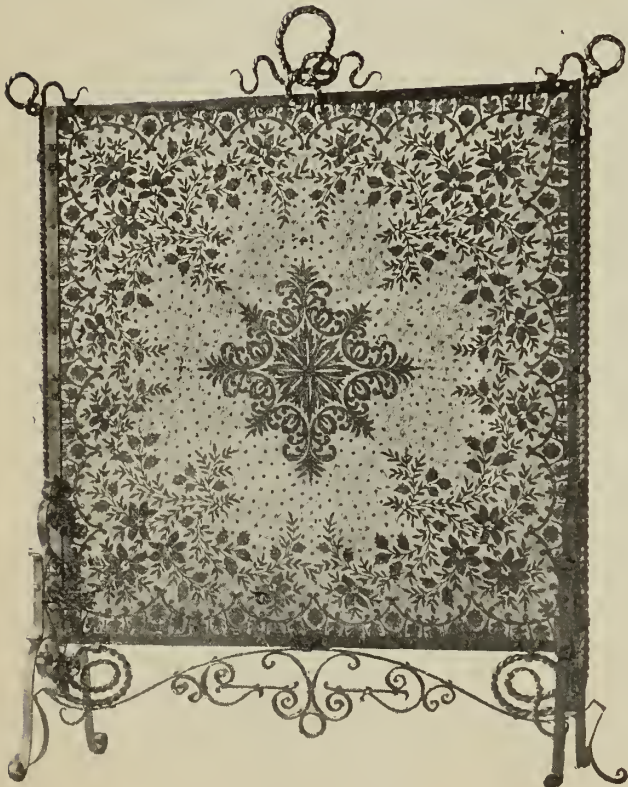
Miscellaneous.



A.—FIRE-PLACE HOOD.
Bronze, Galvanoplastic.



B.—DRAWER PULL.
Wrought Iron.

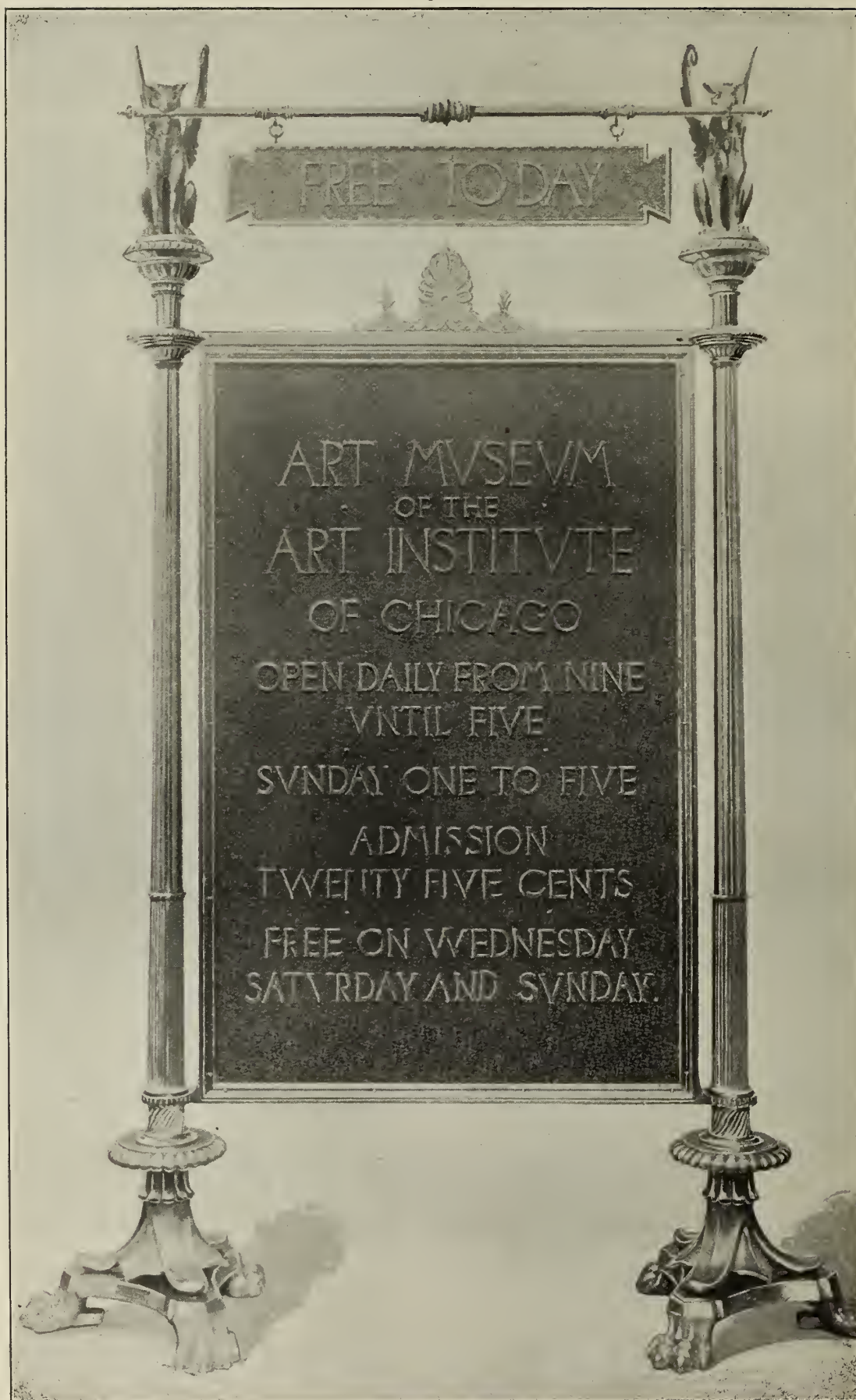


C.—FIRE SCREEN.
Wrought Iron Frame, Panel in Galvanoplastic Lace.



D.—FIRE SCREEN.
Wrought Iron.

Miscellaneous.

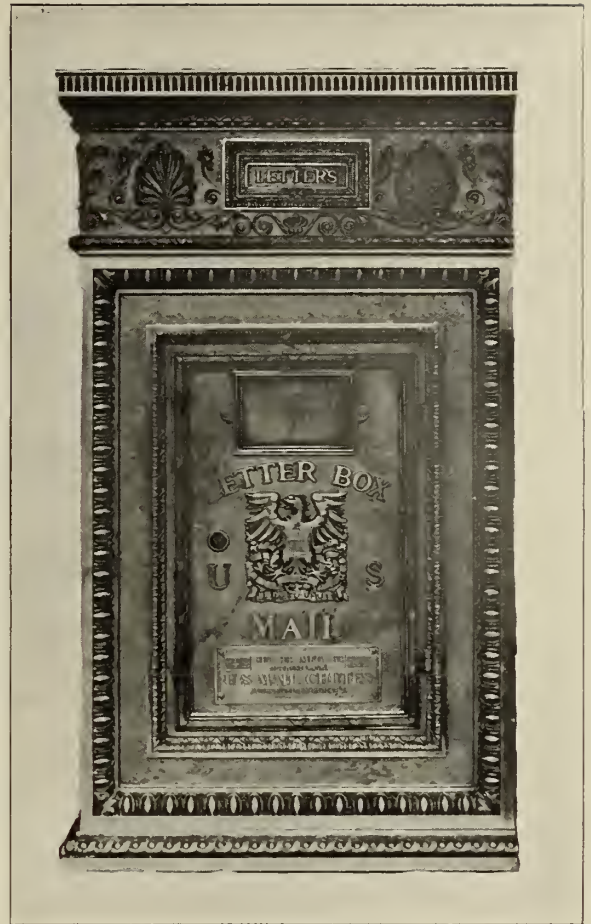


BULLETIN, CHICAGO ART INSTITUTE.
Supports and Frame Cast Bronze. Tablet Galvanoplastic.

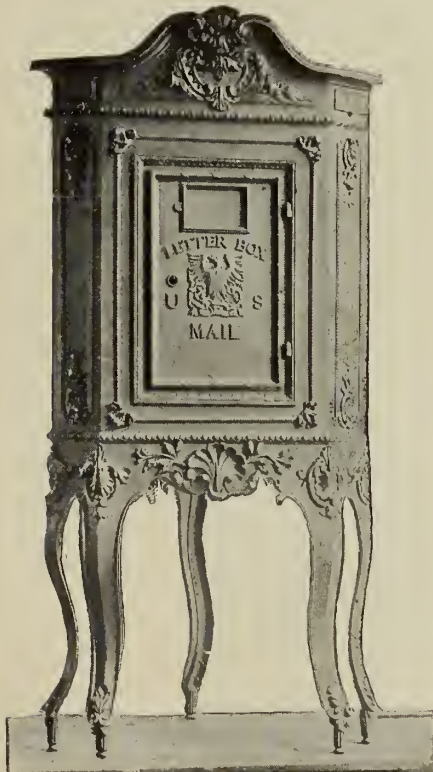
Miscellaneous.



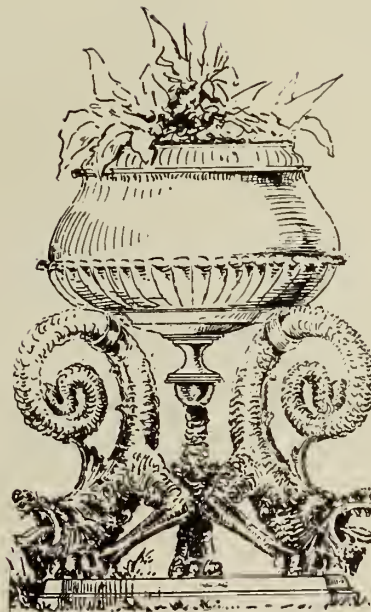
A.—MAIL BOX.
Cast Aluminium.



B.—MAIL BOX.
Cast Iron, Electroplated.



D.—MAIL BOX.
Cast Iron, Bronze Electroplate.



C.—GARDEN VASE.
Cast Iron, Bower-Barffed.



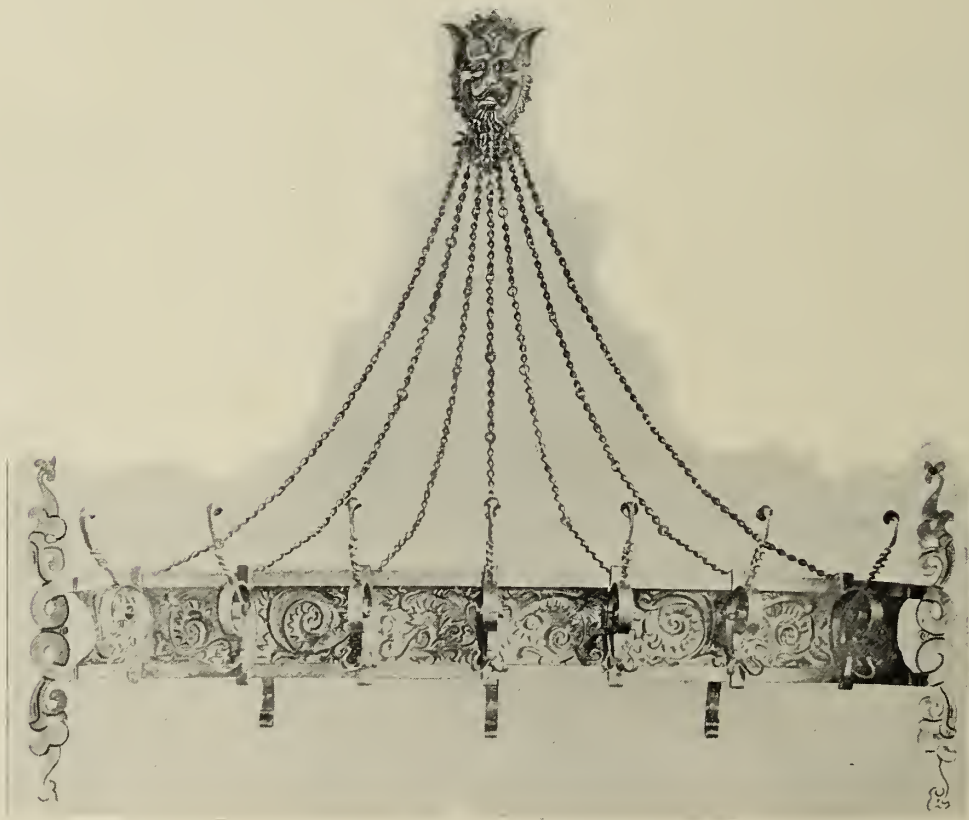
E.—GARDEN VASE.
Cast Iron, Bower-Barffed.

Miscellaneous.



A.—WREATH.

Wrought Iron, Hammered Leaf Work.



B.—HAT AND COAT RACK.

Miscellaneous.



A.—CIGAR STAND, OLD COLONY BUILDING, CHICAGO.
Cast Iron, Bower-Barffed.



B.—COLUMN, COOPER BUILDING,
SAN FRANCISCO.
Duplex Bronze on Cast Iron.

Miscellaneous.



RADIATOR SCREEN.

Wrought Iron, Hammered Leaf Work, Bower-Barffed.



CARD RECEIVERS.

Wrought Iron, Hammered Leaf, Bower-Barffed.

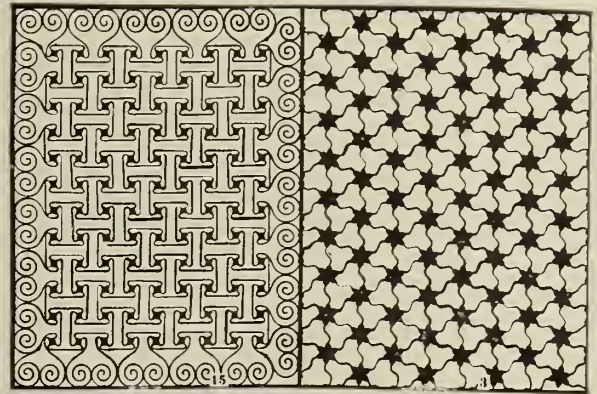
Miscellaneous.

STANDARD MESH

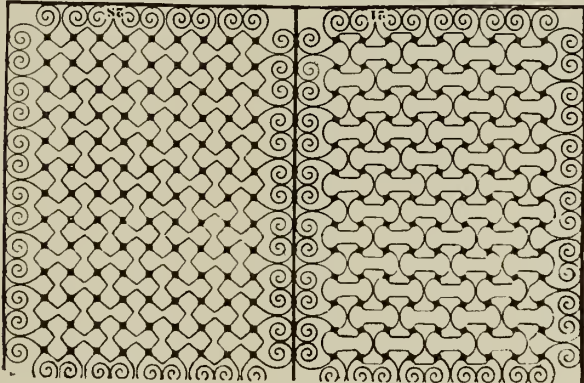
FOR GRILLES, COUNTER RAILINGS AND INCLOSURES.

THE designs for mesh work shown on this page are among the choicest of many patterns which may be readily adapted to any form of opening requiring a guard or barrier. They are standard patterns, and may be designated in plans and specifications by the number.

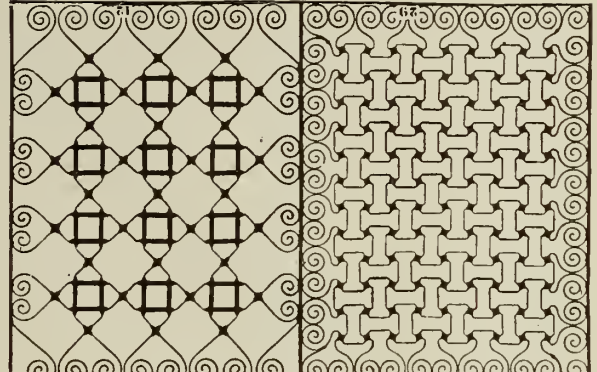
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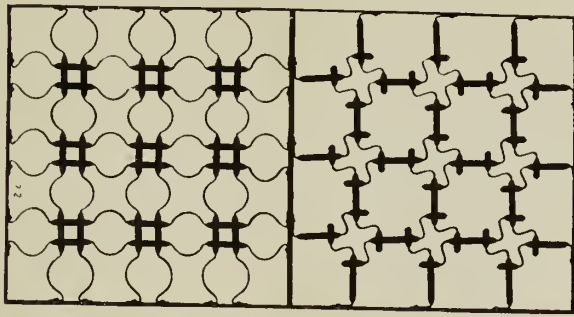
1 2



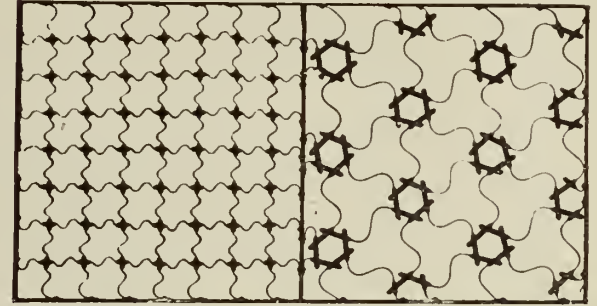
3 4



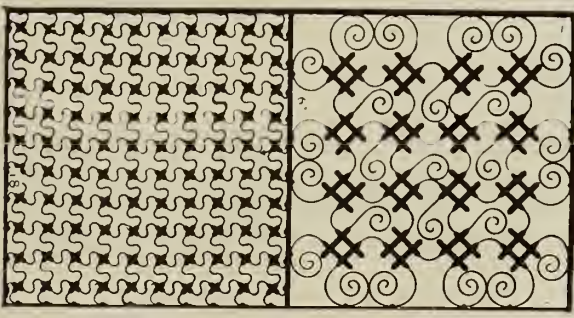
5 6



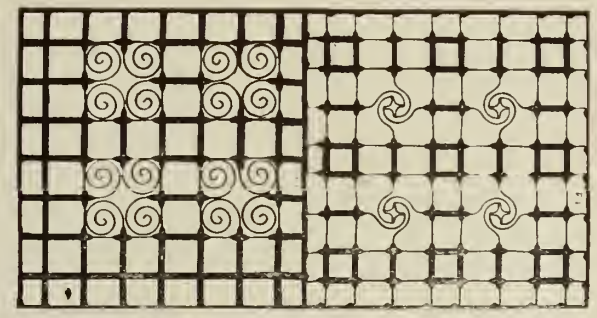
7 8



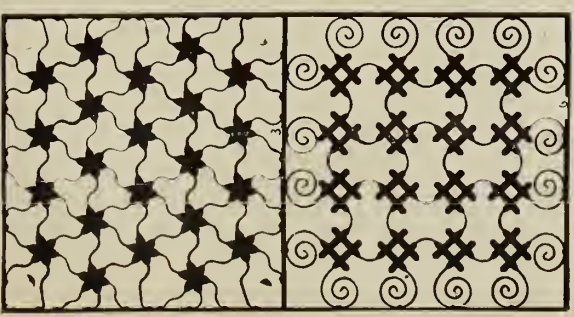
9 10



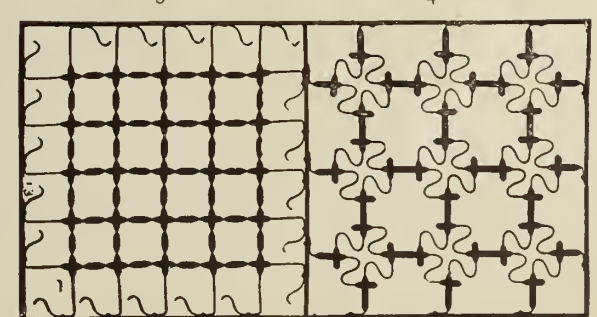
11 12



13 14



15 16



17 18

Galvanoplastic.



NO. 1.—STATUE, THE ART BLACKSMITH.

Galvanoplastics.

REPRODUCTIONS IN BRONZE FROM PLASTIC ORIGINALS.

(For full description of the process of reproduction, see ORNAMENTAL IRON, July and August, 1893.)



No. 2.

The reproductions herein figured are classified as:

THE WINSLOW COLLECTION.—Selections from Ancient and Modern originals by master artists, architects and sculptors; portraits of prominent personages—Rulers, Soldiers, Statesmen, Musicians, Authors, etc.; Characters in mythology, sacred and profane history, fiction, etc.; State Seals of England, covering a period of over 800 years. The entire collection comprises over 8,000 different subjects.

Table of sizes and Price List on next page.

THE KEMEYS COLLECTION.—Realistic scenes of animal and Indian life; portraits of noted Indian warriors by Edward Kemeys, Sculptor.

Table of sizes and Price List on next page.

SPECIAL DESIGNS.—Examples of reproductions from original designs by our own Designers.

MEMORIAL TABLETS.—From original designs. The inscriptions are in relief and distinct. Special designs will be submitted for approval.

The sizes are given in The Winslow and Kemeys Collections as shown in the cuts. The pieces may in every instance be enlarged and the outline changed to meet any requirement as to space by an additional background of metal. In some instances a reduction in size may be made.

Special Designs, either in the round or in relief, can be successfully reproduced with absolute fidelity. Any object having form and substance may be reproduced in the metal.

Galvanoplastics.

THE WINSLOW COLLECTION.

PRICE LIST.

CATALOGUE NO.	SIZE IN INCHES.	PRICE.	CATALOGUE NO.	SIZE IN INCHES.	PRICE.
1	Height 4 feet		26	Diameter 9 inch.	\$ 4.00
2	13½ by 18	\$ 9.75	27	" 26½ "	30.00
3	5½ by 9	2.00	28	" 11½ "	5.30
4	7½ by 10	3.80	29	" 10½ "	4.00
5	9 by 11¼	4.25	30	" "	4.00
6	Diameter 4 inches	1.00	31	11 by 34	15.00
7	7 by 7½	2.10	32	13 by 16¼	8.50
8	9 by 17	6.50	33	15 by 20½	12.30
9	9 by 17	6.50	34	10 by 12	4.80
10	6¼ by 8	2.20	35	11 by 22½	10.00
11	10¼ by 12½	5.15	36	10 by 60	25.00
12	12 by 16	7.70	37	22 by 24½	21.00
13	Diameter 10 inches	4.50	38	3 by 27	3.50
14	" 9 "	3.20	39	8½ by 59	20.00
15	5½ by 7½	1.60	40	8¼ by 20	6.60
16	8 by 15	5.00	41	5½ by 47	10.40
17	9 by 13	4.75	42	2¼ by 3¼	1.00
18	12 by 17	8.00	43	Diameter, 14 inch.	8.00
19	5½ by 9	2.00	44	2¼ by 3¼	1.00
20	18 by 21	14.50	45	4 by 6	1.50
21	12 by 16	7.70	46	4 by 6	1.50
22	10 by 13	5.50	47	7 by 12	4.00
23	4 by 6	1.50			
24	Diameter 11 inch.	5.00			
25	" 17¼ "	12.75			

STATE SEALS OF ENGLAND.

TITLE.	PAGE.	PRICE.	TITLE.	PAGE.	PRICE.
Edward IV.	133	\$2.00	Edward I.	132	\$2.00
George IV.	133	2.00	Richard III.	132	2.00
Henry III.	133	2.00	Edward IV.	132	2.00
James I.	133	3.00	Cromwell.	134	2.00
Edward VI.	132	2.00	George III.	134	2.00
Edward II.	132	2.00	Victoria.	134	2.00

Galvanoplastics.



GEMS

IN

Galvanoplastic.

Reproductions in Bronze from the creations of the Master Artists, Architects, Sculptors and Engravers of ancient and modern schools, illustrating Sacred and Profane History, Mythology and Fiction.

Selections made from the Winslow Collection, which comprises over eight thousand examples in square and oblong Panels, Rounds and Ovals, varying in size from half an inch to thirty-six in. in diameter.

The gems figured on this page are especially adapted for Seals, Signets, Locketts and Medallions and for inlays in Jewel Caskets, Cabinets, Wall Brackets and Mantel Ornaments.

They may be gold, silver or nickel-plated.

Galvanoplastics.

(THE WINSLOW COLLECTION.)



No. 3.



No. 4.



No. 6.



No. 5.



No. 7.

Galvanoplastics.

(THE WINSLOW COLLECTION.)



No. 8.



No. 9.

NIGHT AND MORNING.

Galvanoplastics.

(THE WINSLOW COLLECTION.)



No. 10.



No. 11.



No. 12.



No. 13.



No. 14.

Galvanoplastics.

(THE WINSLOW COLLECTION.)



No. 15.



No. 16.



No. 17.



No. 18.

Galvanoplastics.

(THE WINSLOW COLLECTION.)



No. 19.



No. 20



No. 21.



No. 22.



No. 23.

Galvanoplastics.

(THE WINSLOW COLLECTION.)



No. 24.



No. 25.



No. 26.



No. 27.



No. 28.



No. 29.



No. 30.

Galvanoplastics.

(THE WINSLOW COLLECTION.)



No. 31.



No. 32.



No. 133.



No. 34.



No. 35.

Galvanoplastics.

(THE WINSLOW COLLECTION.)



No. 36.—SINGALESE PANEL.

FROM THE CEYLON BUILDING, COLUMBIAN EXPOSITION. SPECIAL.



No. 37.

Galvanoplastics.

(THE WINSLOW COLLECTION.)



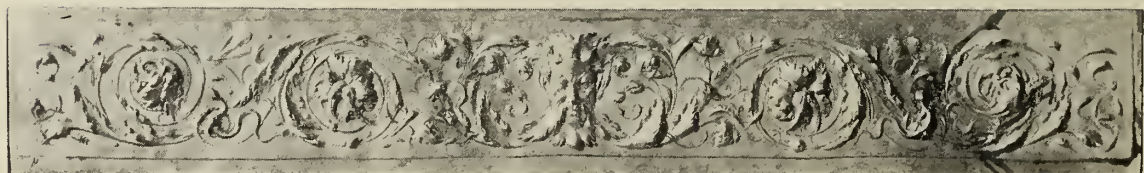
No. 38.



No. 39.



No. 40.



No. 41.

Galvanoplastics.

(THE WINSLOW COLLECTION.)



No. 42.



No. 43.



No. 44.



No. 45.



No. 46.



No. 47.

Galvanoplastics.

(THE WINSLOW COLLECTION.)



STATE SEALS OF GREAT BRITAIN.

EDWARD II. A. D. 1307.

EDWARD VI. A. D. 1547.

RICHARD III. A. D. 1483.

EDWARD I. A. D. 1272.

EDWARD IV. A. D. 1461.

Galvanoplastics.

(THE WINSLOW COLLECTION.)



STATE SEALS OF GREAT BRITAIN.

GEORGE IV. A. D. 1820.

EDWARD IV. A. D. 1461.

JAMES I. A. D. 1603.

HENRY III. A. D. 1216.

Galvanoplastics.

(THE WINSLOW COLLECTION.)



STATE SEALS OF GREAT BRITAIN.

RICHARD CROMWELL. 1659.

GEORGE III. 1760.
RICHARD CROMWELL. 1659.

VICTORIA.

Galvanoplastics.

THE KEMEYS COLLECTION.

Sketches and Portraits by the American Sculptor EDWARD KEMEYS reproduced in Bronze.

Indian and animal life on the plains and mountains of the West.


Portraits of noted Indian Chiefs, Warriors, Braves and Medicine Men.

Animals of North America in action and repose.

A collection of master-pieces in relief.

Produced and copyrighted by THE WINSLOW BROS. CO., Chicago.

I hereby certify that the reproductions herein illustrated are made directly from the original clay models, under my personal supervision.

Edward Kemeys.


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3	The Still Hunt,	12 by 21	26.00
4	Feeding,	10 by 21	22.00
5	The Running Moose,	10¼ by 11¼	14.00
6	Mountain Sheep,	24 by 31½	58.00
7	Indian Jar,	Height, 14 inches. Diameter, 14 inches.	68.00
8	At Play,	10 by 21½	22.00
9	At Bay,	10 by 21	22.00
10	Left Hand,	12 by 12	17.50
11	Lone Wolf,	10 by 12½	15.00
12	Big Head,	10 by 12½	15.00

Galvanoplastics.

(KEMEYS COLLECTION.)

Illustrated and Descriptive Catalogue will be sent on request to any address.



SITTING BULL.



INDIAN JAR.



THE RUNNING MOOSE.



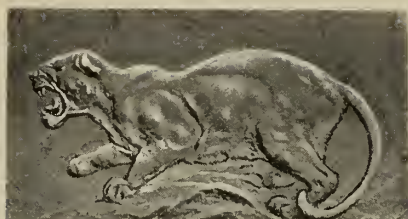
JAGUAR- AT PLAY.



MOUNTAIN SHEEP.

Galvanoplastics.

(KEMEYS COLLECTION.)



JAGUAR—AT BAY.



COUGAR—THE STILL HUNT.



JAGUAR—FEEDING.



THE BUFFALO HUNT.



LONE WOLF—KIOWA CHIEF.



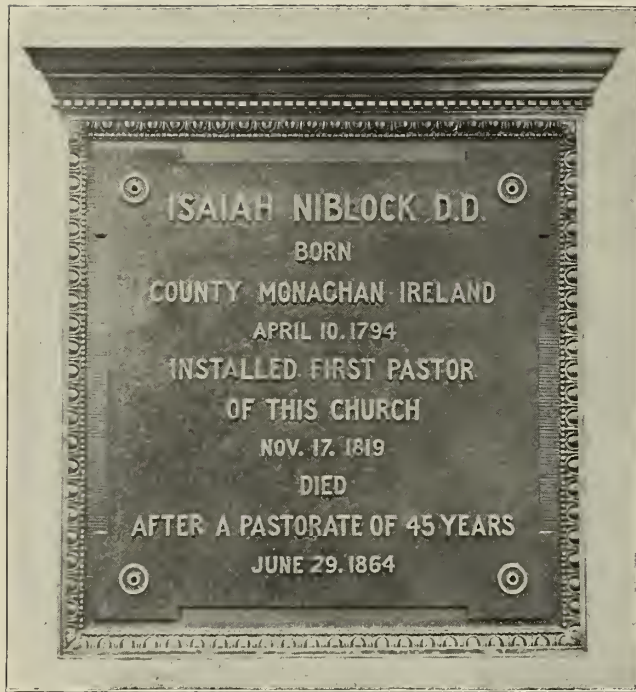
LEFT HAND—CHEYENNE WARRIOR.



BIG HEAD—SIOUX CHIEF.

Galvanoplastics.

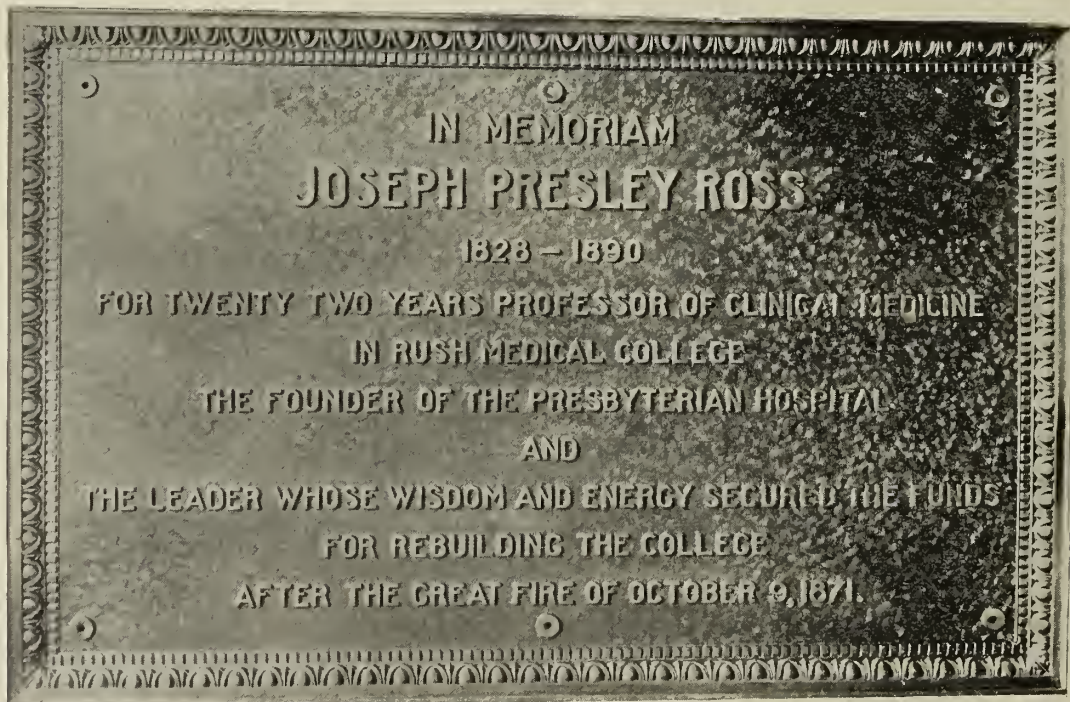
(MEMORIAL TABLETS.)



A.



B.



C.

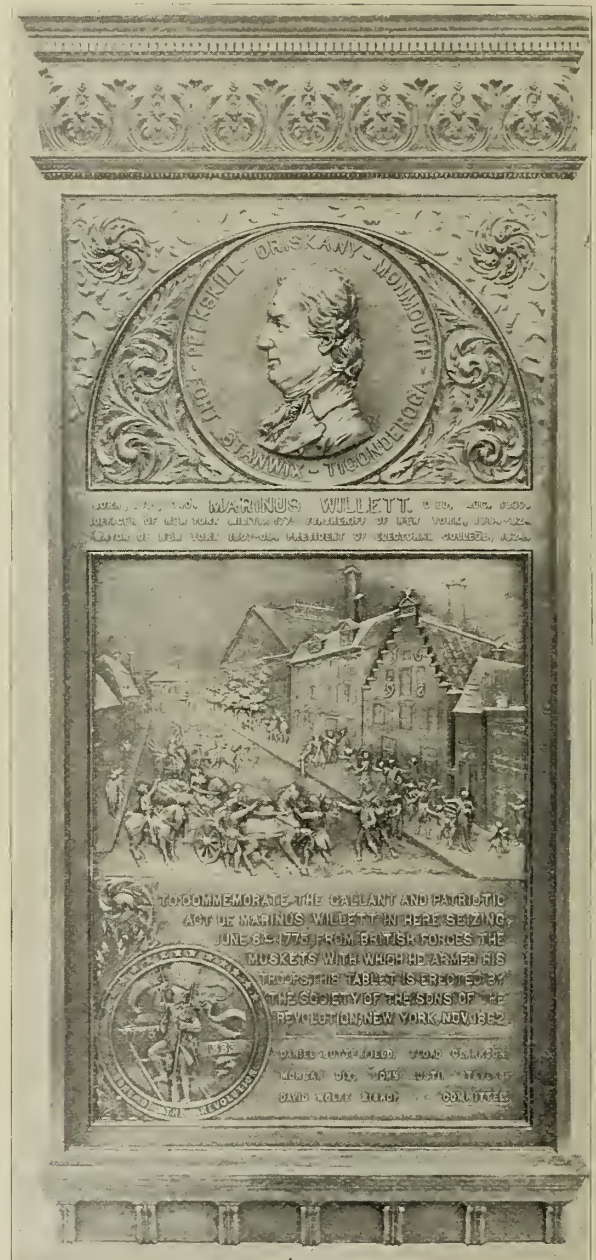
Galvanoplastics.

(TABLET AND FOUNTAINS.)



DRINKING FOUNTAIN.

(Erected by the Elliott Society, St. Louis, Mo.)



MEMORIAL TABLET.

(Designed and Executed by Poulson & Eger.



FOUNTAIN BASE.

Galvanoplastics.

(SPECIAL DESIGNS.)



A.



B.



C.



D.



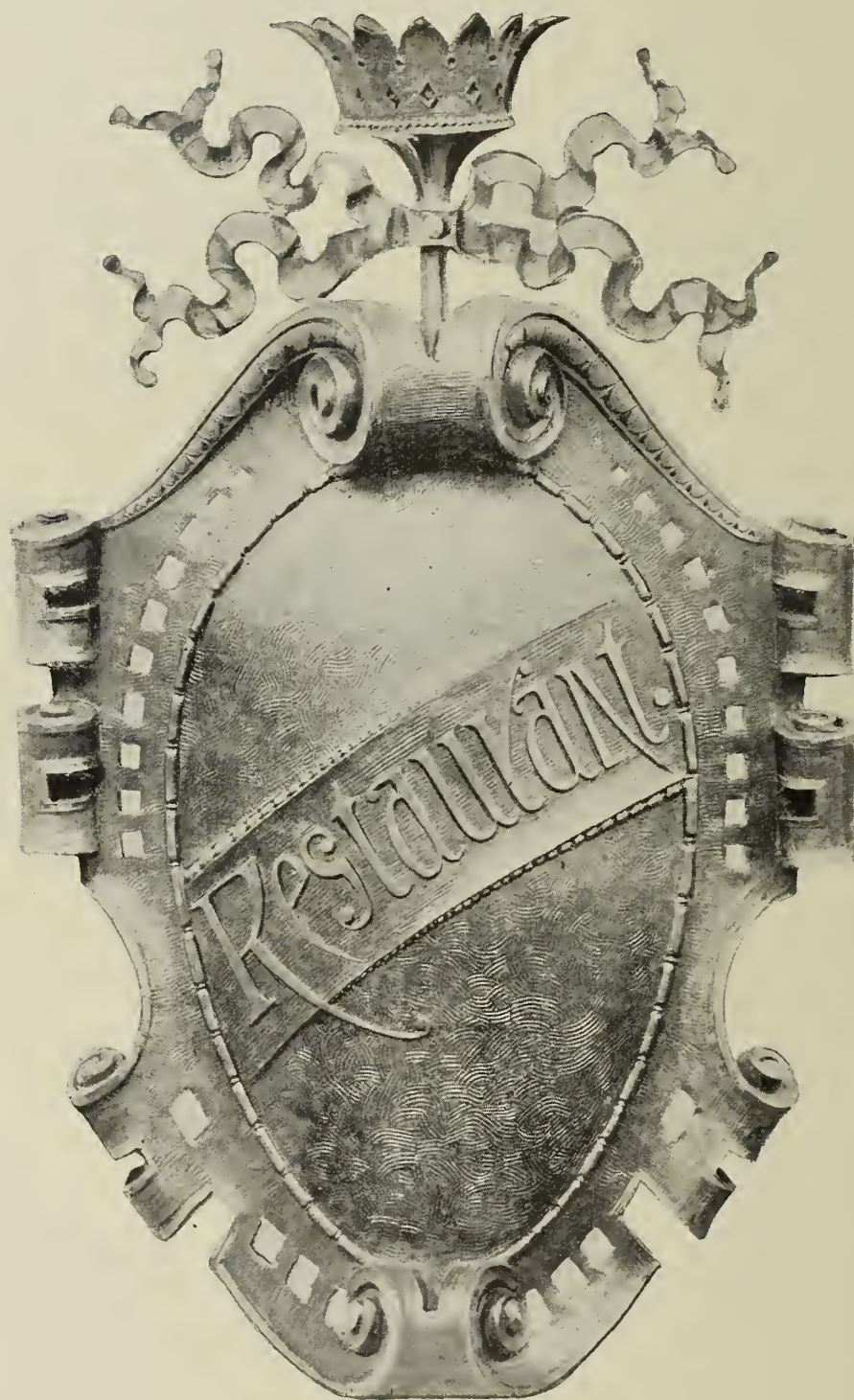
E.



F.

Galvanoplastics.

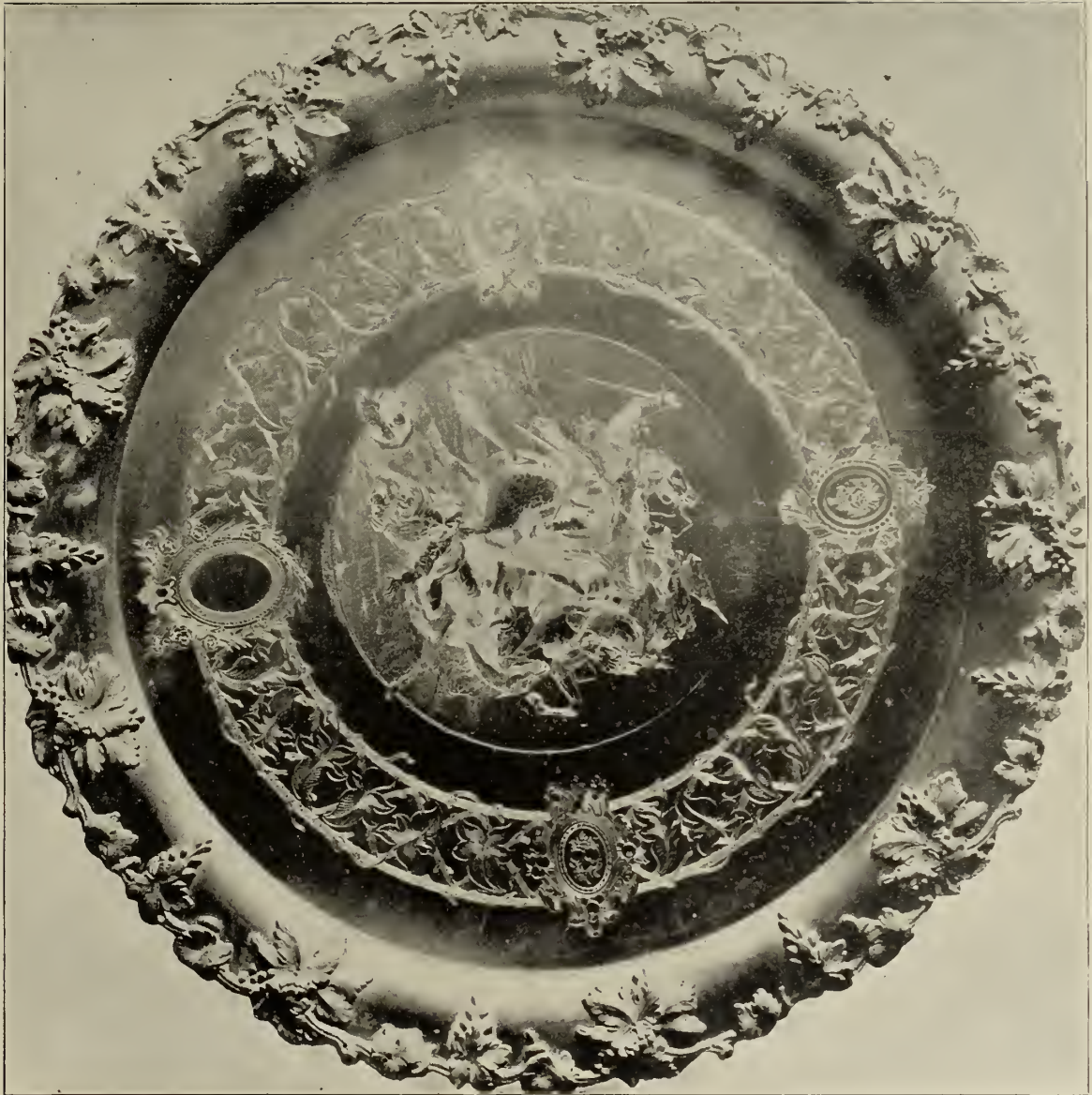
(SPECIAL DESIGN.)



SIGN.

Galvanoplastics.

(SPECIAL DESIGNS.)



- TOP FOR CARD STAND.—COPPER BRONZE.

The scene from Leonardo Di Vincis' painting "The Fight for the Standard," and the inner border, are etched in.

Galvanoplastics.

(SPECIAL DESIGNS.)



A.—ALTAR OF THE BLESSED SACRAMENT.

Church Altars.

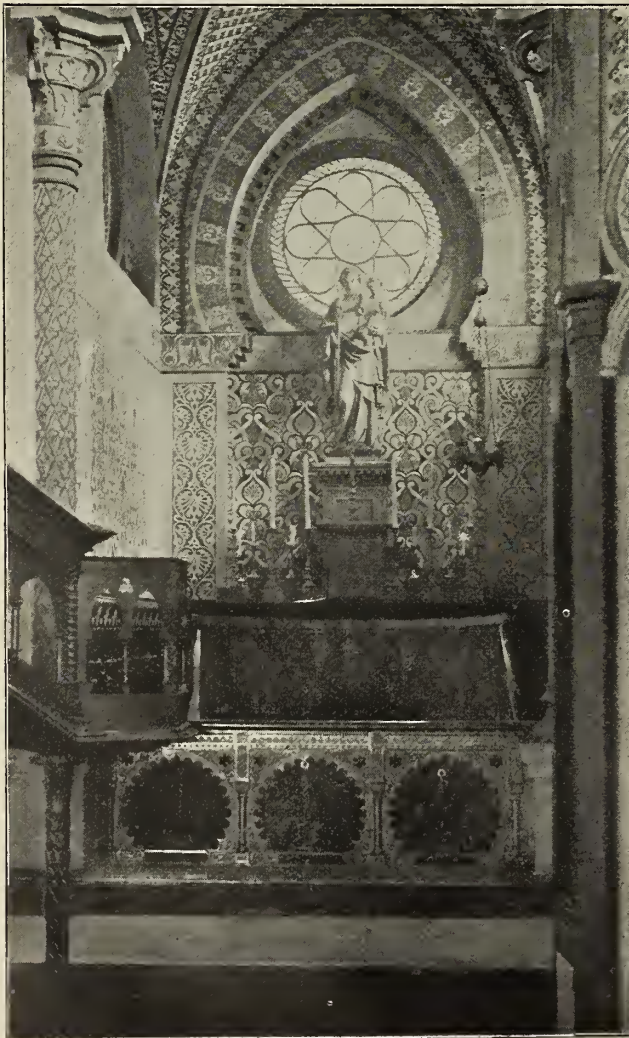
Church of the Immaculate Conception, New Orleans, La.
In Galvano-Bronze, Gold-plated.

A, B and C Altars in place.

Pages 145 and 146 same altars, showing details.

The altars were designed by James Freret, Architect.

(For full description of Church and Altars, see ORNAMENTAL IRON, April-May, 1894.)



B.—ALTAR OF ST. JOSEPH.



C.—ALTAR AND COMMUNION RAIL.

Galvanoplastics.

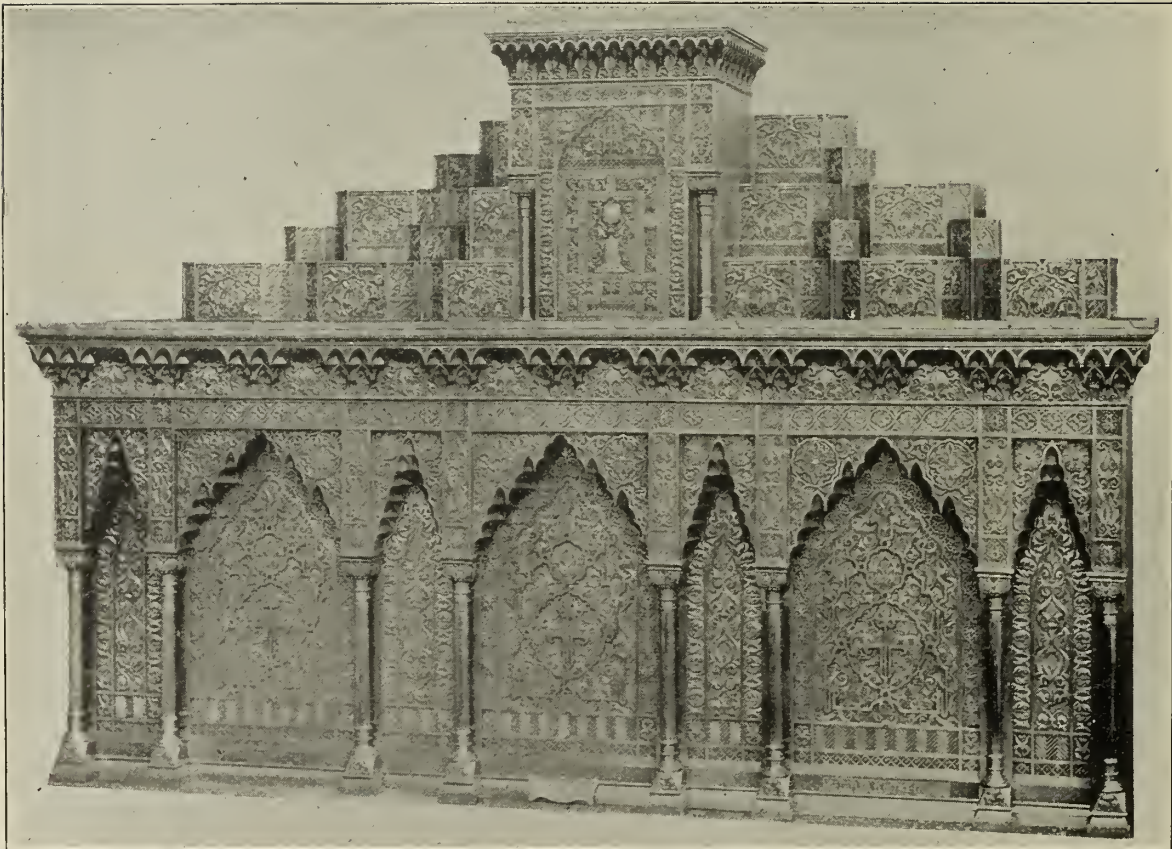
(SPECIAL DESIGN.)



ALTAR OF THE BLESSED SACRAMENT, CHURCH OF THE IMMACULATE CONCEPTION, NEW ORLEANS.

Galvanoplastics.

(SPECIAL DESIGN.)



ALTAR OF ST. JOSEPH CHURCH OF THE IMMACULATE CONCEPTION, NEW ORLEANS, LA.

Appendix.

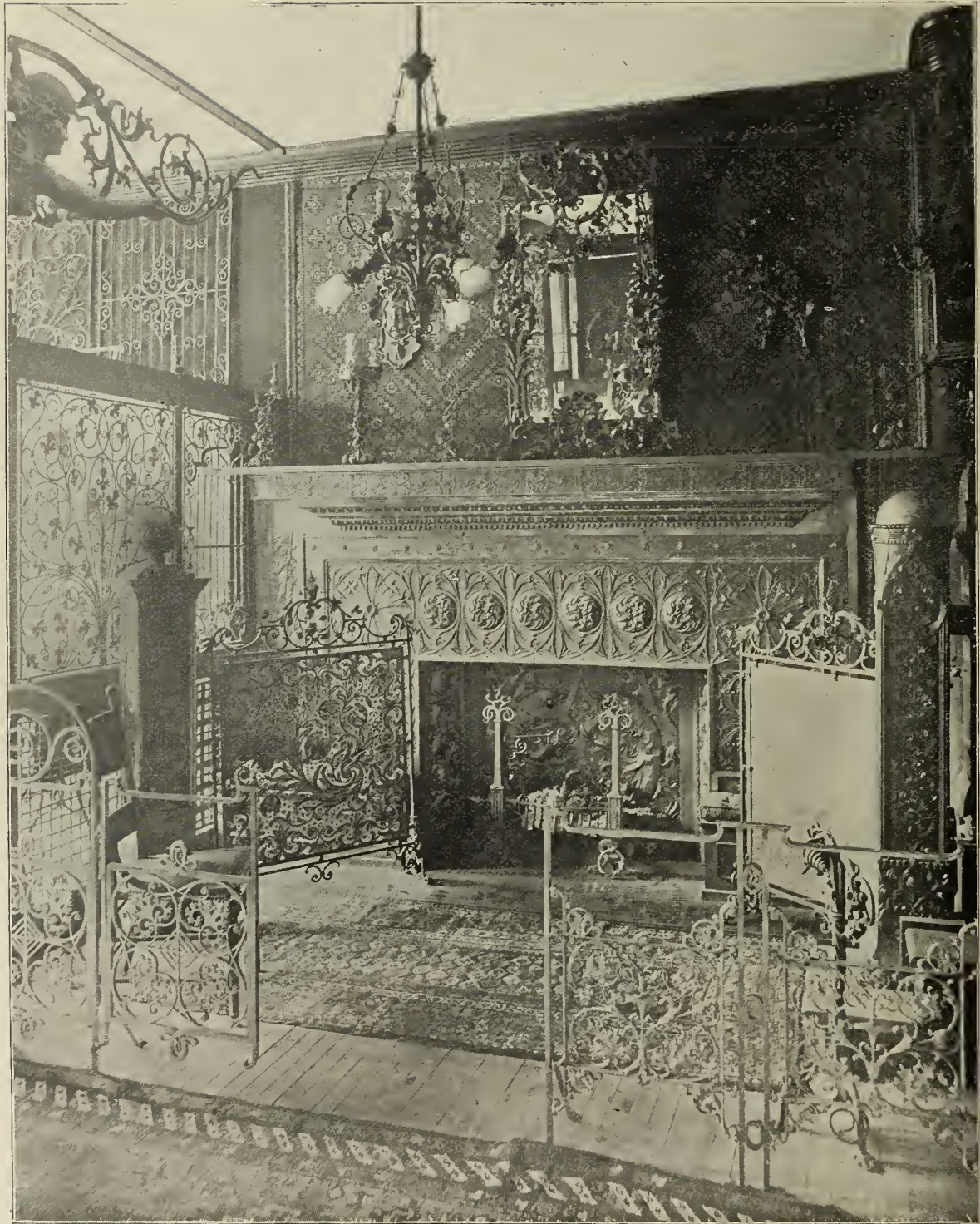
Perspective views of Buildings in which we have executed Ornamental Iron contracts, and which have been described and illustrated in ORNAMENTAL IRON.

Also a view of the interior of our town office and Exhibit rooms, Nos. 759, 761 The Rookery.

Also a view of our Exhibit at the World's Columbian Exposition of 1893, which exhibit was awarded the highest honors conferred. A Medal and Diploma being awarded on every entry made—Eight Medals and Eight Diplomas.

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TOWN OFFICE AND EXHIBIT ROOM,
759-761 THE ROOKERY.

Exposition Awards.

THE WINSLOW BROS. CO. WERE AWARDED THE HIGHEST HONORS

CONFERRED BY THE WORLD'S COLUMBIAN EXPOSITION OF 1893.



Eight Medals and Eight Diplomas.

An award on each and every entry made.

1. Large, Hand-Forged Carriage Gateway.
2. Hammered Leaf, Wrought Iron work.
3. Iron Stairs.
4. Railings.
5. Newels.
6. Duplex Electro-Plating on Iron.
7. Metal Mantels and Attachments.
8. Elevator Inclosures.



EXHIBIT.

WORLD'S COLUMBIAN EXPOSITION, 1893.

Buildings.



THE ARMOUR INSTITUTE, CHICAGO.

(See ORNAMENTAL, IRON, February-March, 1894.

Buildings.



BRADBURY BUILDING, LOS ANGELES, CAL.
(See ORNAMENTAL IRON, September, 1894.)

Buildings.



THE COLUMBUS MEMORIAL BUILDING, CHICAGO.

(See ORNAMENTAL IRON, January, 1894.)

Buildings.



CHICAGO STOCK EXCHANGE BUILDING.

(See ORNAMENTAL IRON, July, 1894.)

Buildings.



CHURCH OF THE IMMACULATE CONCEPTION, NEW ORLEANS.

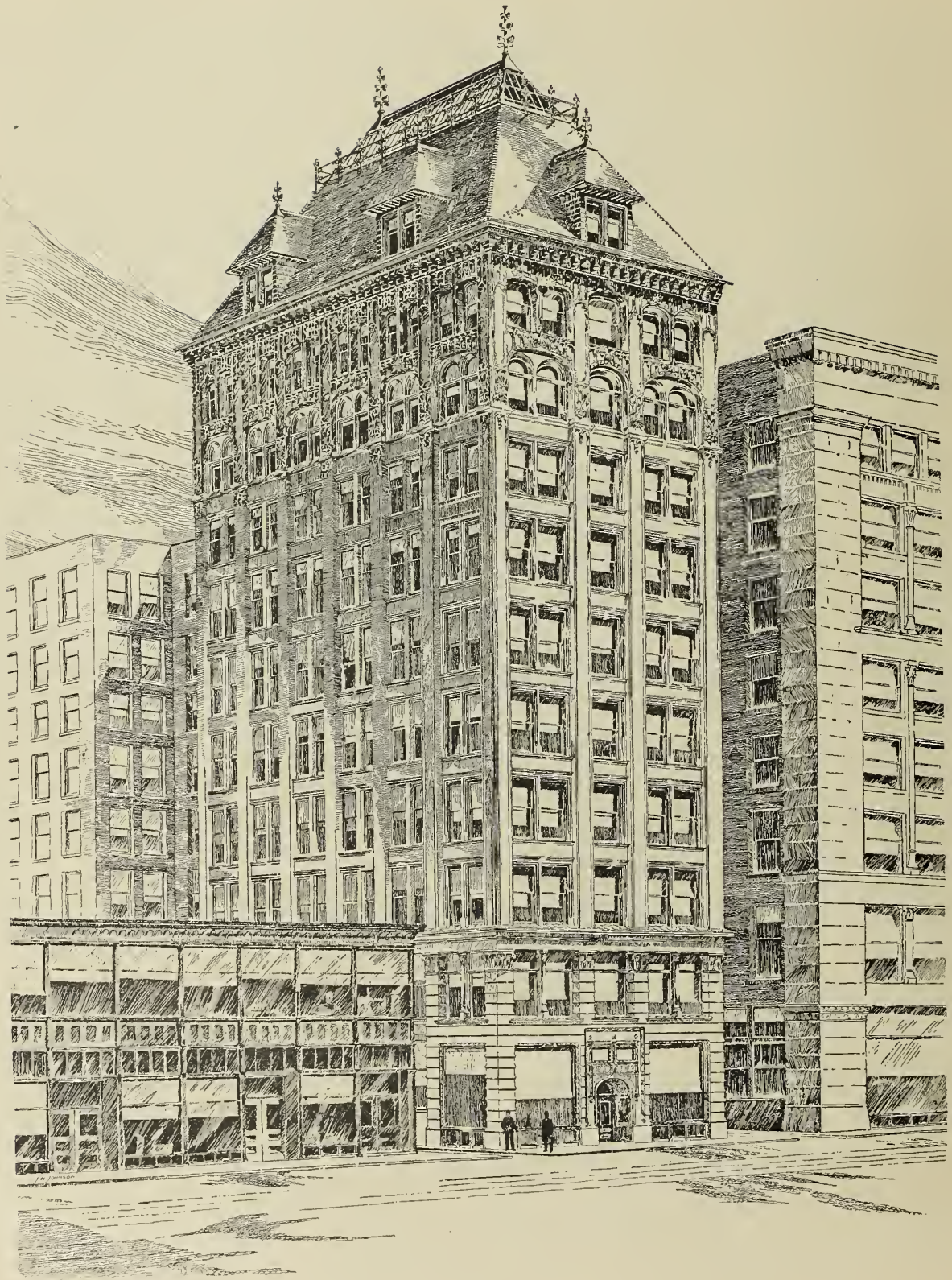
(See ORNAMENTAL IRON, May, 1894.)

Buildings.



GERMAN SAVINGS AND LOAN SOCIETY BUILDING, SAN FRANCISCO, CAL.
(See ORNAMENTAL IRON, May, 1894.)

Buildings.



THE ISABELLA BUILDING, CHICAGO.
(See ORNAMENTAL IRON, October, 1893.)

Buildings.



THE MILLS BUILDING, SAN FRANCISCO, CAL.

(See ORNAMENTAL IRON, December, 1893.)

Buildings.



OLD COLONY BUILDING, CHICAGO.
(See ORNAMENTAL IRON, September, 1894.)

Buildings.



SOCIETY FOR SAVINGS BUILDING, CLEVELAND, O.

(See ORNAMENTAL IRON, March, 1894.)

Buildings.



TEUTONIC BUILDING, CHICAGO.
(See ORNAMENTAL IRON, September, 1893.)

Buildings.



RESIDENCE OF GEN. JOS. T. TORRENCE,
LAKE SHORE DRIVE AND BELLEVUE PLACE, CHICAGO—GATEWAY AND FENCE.
(See ORNAMENTAL IRON, March, 1894.)




COOPER BUILDING, DENVER, COL.
(See ORNAMENTAL IRON, November, 1894.)

Buildings



THE WOMAN'S TEMPLE, CHICAGO.

(See ORNAMENTAL IRON, May, 1894.)



ORNAMENTAL IRON

A JOURNAL

PUBLISHED BI-MONTHLY

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The publication is devoted to ornamental iron in its use and adaptation to buildings and to art metal work of every description.

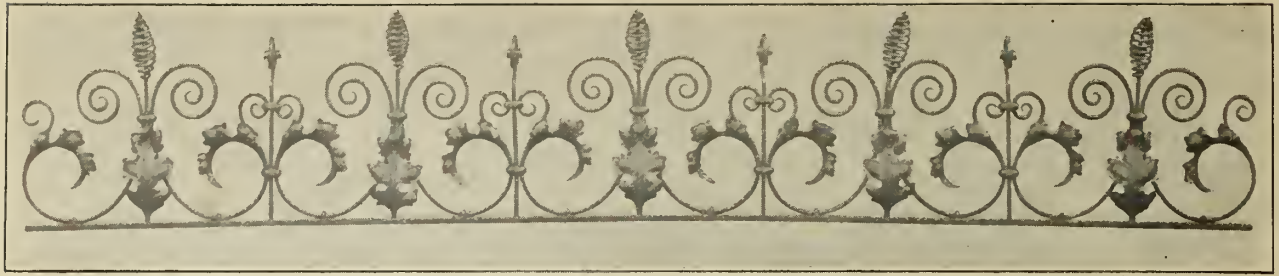
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CRESTING.—Wrought Iron, Hammered Leaf Work.



THE following are selected from many notices and communications complimentary to the publication:

PRESS NOTICES.

A new trade paper called ORNAMENTAL IRON is before us. It is perhaps a house organ, but, nevertheless, by reason of the attractiveness of its contents, is entitled to more than passing consideration. The number bears date of August, and is published monthly by the Winslow Brothers Company, Rookery building, Chicago. The half-tone process of engraving is relied upon to embellish the pages, and the work shown is for the most part ornamental structures in iron and steel. Some plates of ornamental ironwork are introduced, which come from the works of the Winslow Brothers Company, and are, in a sense, supplemental to the paper. The new fire-proof construction which was introduced in the Smith & Randolph building, Brooklyn, a short time since, is very fully illustrated, more from the standpoint, however, of the general reader than from the point of view of the architect and builder.—*Business.*

We are under obligations to the Winslow Brothers Company, of Chicago, for their catalogue of designs of ornamental iron, and would acknowledge same with thanks.

In beauty, finish and design, it presents the appearance of an art work, and in instruction is equal to years of study as an apprentice in this special field of iron architecture.

The Winslow Brothers Company are the largest manufacturers of these goods in the world, and are fitting nearly all the prominent buildings and hotels in the country with elevator inclosures, staircase railings, elevator cars, elaborate chandeliers, etc., also bank and office fittings in brass and iron.—*Intending Builder.*

The catalogues issued by the Winslow Brothers Company, of Chicago, for the current year merit more than casual attention. Their photogravure edition is a sumptuous book, bound in cloth, and containing 141 photogravure plates of work executed by them. The plates are finely printed, and the volume is an important index to noteworthy recent work. Taken as a whole, the work of this company attains a high order of excellence, and their catalogues amply testify to the good work they are doing for ornamental iron in this country.—*Engineering Magazine.*

ORNAMENTAL IRON is the title of a very handsome publication which has made its appearance with a view of treating extensively the subject of ornamental cast and wrought iron. It is quarto in size, profusely illustrated, printed on heavy and finely graded paper, and contains a great deal of matter that is of the very greatest interest to foundrymen everywhere.—*The Foundry.*

ORNAMENTAL IRON is the title of a new monthly publication devoted to the practical and the artistic phases of metallic decorations as applied to architecture. The first number contains many handsome illustrations, including some half-tones of wrought iron Bower Barffed electroliers of exquisite design that should interest central station managers. Mr. W. H. Eckman is the editor of ORNAMENTAL IRON, with offices in the Rookery.—*Electrical Engineer.*

Clay workers, engaged in the better class of work, will find the new catalogue of the Winslow Brothers Company, at Chicago, illustrative of the remarks we have made in regard to proper catalogue work. It is the sort of thing that is effective among architects, illustrating as it does the best work the company has executed under architects' direction. The subjects are photographs reproduced in gelatine, and of the 141 plates, 23 are devoted to stairways and balconies, 17 to railings, 29 to elevator inclosures, 2 to twelve designs for elevator cars, 2 to panels, medallions, etc., and 63 to counter railings, entrances, canopies and other miscellaneous subjects. The same opportunity is open to brick or terra cotta makers, to produce a catalogue that will be kept as a work of art. For fine illustrative work, terra cotta or good brickwork is equal to wrought iron. Of course, such a catalogue is expensive, but there can be no doubt that it is an investment of the most profitable kind.—*The Brick Builder.*

If any doubts existed as to the great progress made by artistic iron workers in this country, a glance at the contents of the newly issued catalogue of the Winslow Brothers Company, of Chicago, would abundantly suffice to dispel such misgivings, and afford conclusive evidence of the high position this branch of industrial art has reached in the United States. The catalogue in question is actually a handsome album, containing numerous beautiful photographic reproductions of ornamental metal work, chiefly in wrought iron, which have been executed by the firm for many prominent office and public buildings throughout the country. As a record of the progress made by them in the application of metal to architectural and decorative purposes, this volume is a sufficiently striking one. It also reflects great credit on the architectural iron working industry of America generally, showing clearly, as it does, the marked strides made within the last few years toward the attainment of higher artistic ideals in this craft. * * * The specimens given in the photogravure edition before us evidence the growing appreciation of this class of work by architects and others in the decoration of our modern buildings. The cities of Chicago and Minneapolis furnish the majority of the subjects presented, but the list of buildings in which Messrs. Winslow's work has been placed covers a wide field, including Germany and Mexico, besides all parts of the United States. * * *

—*Iron Age.*

One of the new periodicals printed in this city is a monthly magazine entitled ORNAMENTAL IRON. William H. Eckman, formerly of Cleveland, is the editor. Although something in the nature of a trade journal, ORNAMENTAL IRON contains much of general interest in these days, when the decoration of buildings for business purposes and homes receives so much attention. The Winslow Brothers Company publishes the magazine, which is extensively illustrated with photogravures and half-tones. The work will make a valuable addition to any library table. Mr. Eckman, the editor, is well known as a newspaper man and an art connoisseur in Chicago and elsewhere. The Winslow Brothers Company has also issued an illustrated catalogue of ornamental ironwork, which is ornamental enough in itself. The book is filled with photogravures, picturing the ironwork done by this firm, not only in the big buildings of Chicago, but in those of other large cities, and gives a number of interior scenes, including staircases, bank vaults, balcony railings, elevator guards, door entrances, and other similar work that are really works of art.—*Chicago Mail.*

We are indebted to the Winslow Brothers Company, of Chicago, for a handsome collection of photographs of ornamental iron. This new photogravure edition of their catalogue for the year 1893 is certainly a very creditable specimen of the printers' art, but cannot fail of being of great use to the architect and contractor who are about to order work of this kind. A long list of buildings that have been supplied with this class of work by this firm, being in many cases illustrated by engravings, gives the reader an opportunity to judge of the effect produced, which in some instances is really very fine. P. H. Jackson & Co., of 228 and 230 First Street, this city, are the agents. The first number of a monthly journal called "ORNAMENTAL IRON," devoted to industrial art, has just been received. Certainly, the publishers have reason to congratulate themselves upon having produced a gem. The illustrations are truly works of art applied to every-day use.—*California Architect and Building News.*

CORRESPONDENCE.

GENTLEMEN:—I am in receipt of your beautiful catalogue, for which receive my warmest thanks. I have always admired your artistic work, and commend your exhibit in the Manufactures Building at the World's Fair. I hope I shall be able to do here in Milwaukee what the profession and artists like yourselves (for such I esteem you) are doing for Chicago, namely, educate the people to love the chaste and beautiful.

MILWAUKEE, WISCONSIN. Very truly yours, I. JAY KNAPP.

It is a work that, if it meets with anything like the recognition it deserves, cannot fail to do excellent missionary work in its field. I noticed with great pleasure the exhibit of Messrs. Winslow Brothers, at the World's Fair, and congratulate them on the excellent display.

CINCINNATI, OHIO. WILLIAM MARTIN AIKEN, Architect.

The catalogue which you so kindly sent reached me to-day, and I hasten to acknowledge it. It is simply a revelation to me, and I shall not tire of turning its pregnant pages. The fair dreams wrought in iron contained in it are more than I had even imagined.

LITTLETON, N. C. R. A. MYRICK.

DEAR SIR:—Accept my thanks for the copy of ORNAMENTAL IRON kindly furnished to this school by you. The illustrations are very fine, as well as the designs, and I think they will prove of great interest and use to our pupils. Very truly yours, H. H. BELFIELD, Director.

CHICAGO MANUAL TRAINING SCHOOL.

It is a most artistic publication, and, I assure you, creates a decided interest in ornamental iron work among my clients.

OMAHA, NEB. CHARLES F. BIENDORF, M. I. T., Architect.

DEAR SIR:—Your last number of ORNAMENTAL IRON has emblazoned upon the cover the announcement of your successful competition at the World's Columbian Exposition, eight medals having been awarded! Allow me to congratulate you upon the result, and to state that having carefully inspected all of the various exhibits of ornamental ironwork shown there, I fully agree with the judges who made the awards. It was on my first visit to Europe, in 1856, that my eyes were opened to the possibilities afforded by wrought iron for the display of artistic taste and skill. Understanding some of the practical difficulties which the artist and workman (or I should say more correctly, artist-workman) had to contend with in the nature of the material, I was astonished at the productions of the old masters, notably Quintin Matsys in Antwerp, and many examples throughout Italy whose names I cannot recall. At Verona in particular I saw some wonderful work about the tombs of the Scala family. Within the last forty years the use of wrought iron for ornamentation has increased and become general all over Europe, but it is within twenty years that it has been adopted to any extent on this side.

The factors necessary to develop this class of work are wealth and art education. Skilled labor is costly, and an artist or architect—and in this connection the terms should be synonymous—should not be restricted by price if a high class of work is wanted.

Here frequently is where trouble occurs in this line; the architect furnishes elaborate and tasteful designs, but impracticable for want of knowledge of the limits of the material. Or, possibly, through competition the work is intrusted to workmen who have no conception of how it should be executed, and while a semblance is produced, the work lacks in feeling and is not artistic. The perfect conditions for producing good results have, I think, been reached in your concern; you are both architects and artists, having a practical knowledge of structural requirements, and the adaptability of materials to give greatest effect. Not ignoring the fact that you have had furnished you original and elegant designs from the most talented architects supported by wealthy and intelligent patrons, still, in my opinion, your firm has done more than any other to advance the general excellence of this class of work. I beg to inclose a cut of a gate of hammered wrought ironwork which formed one portion of my exhibit at the Centennial Exhibition,* and from this you can see that I was at that time well advanced in this class of work; but I regret to say that the demand in this country for such work has not been sufficient to enable me to keep pace with what has been done on your side. My only exhibit at Chicago was a sample of hot-water heater, known as the "Buffalo Hot-Water Boiler," and for which I obtained an award.

CANADA WIRE COMPANY, MONTREAL. Yours truly, H. R. IVES.

*The gate referred to forms the entrance to Western Block, Departmental building, Ottawa, and was awarded first prize at the Centennial Exposition of 1876.

GENTLEMEN:—By your kindness, we have received No. 4 of Vol. I of your publication, ORNAMENTAL IRON. It appears that you intend the journal for the reference room of the Library, where it would be very useful, but in order to complete the present volume and to enable us to bind the same for future reference, we would ask you to kindly send us the first three numbers.

If the publication is received regularly it will be placed on our list of periodicals. Thanking you for your gift, I am, Very respectfully yours, FRED H. HILD, Librarian.

THE CHICAGO PUBLIC LIBRARY, CHICAGO.

I cannot forbear congratulating you upon your thoroughly sound and harmonious adaptation of the various great architectural styles to your purposes, your designs being frequently in much better taste than the buildings for which they have been destined.

May I add that I cannot help being interested in the coincidence of name, which seems to imply a common origin at no very distant period, and from a stock of which at least we have no reason to be ashamed.

JAMAICA PLAINS, BOSTON. Yours very truly, W. HENRY WINSLOW.

I desire to acknowledge, with thanks, the receipt of your publication, ORNAMENTAL IRON. It is not only beautifully gotten up, both in illustrations, print and paper, but what is of yet more importance, the subject matter and design are most excellent, and show a degree of proficiency in the work which cannot be surpassed anywhere.

BALTIMORE, MD. GEO. A. FREDERICK.

GENTLEMEN:—I have to thank you very much for the copies of your catalogues received this morning. They are splendid specimens, not only of typography, but of the artistic development of ironwork. This latter is the more important aspect, and every lover of the fine arts can certainly heartily congratulate you on the high standard you have attained, and the very great artistic excellence of the designs.

NEW YORK. Editor Architectural Dep't, *Engineering Magazine*. BARR FERREE,

I can hardly express my admiration of the work or my thanks for the copy. I find a great temptation to take it home for my center table. I have already invested in some materials for such work for the boys, this Fall, and believe that a look through this book will be an inspiration to better effort among them.

KANSAS STATE AGRICULTURAL COLLEGE, MANHATTAN, KAN. O. P. HOOD, Sup't.

GENTLEMEN:—We take pleasure in acknowledging the receipt of ORNAMENTAL IRON No. 2. It is by far the most artistic publication of its kind we have yet seen, and long may it live. It will prove of great benefit to the profession. Yours truly, OWENS & BIELER, Architects.

BALTIMORE, MD.

GENTLEMEN:—We take pleasure in acknowledging the receipt of your very handsome catalogue and the September number of ORNAMENTAL IRON, both of which are fine examples of the printers' art, and a fit medium for calling attention to your own artistic productions. Such enterprise on your part should find its reward in the most substantial returns.

Respectfully yours, WILLIAMS & BATWELL, Architects. PORTLAND, OREGON.

GENTLEMEN:—Your elegant catalogue received, for which please accept my thanks. I shall make use of your designs, and hope to be able to favor you with some orders. Yours respectfully, WILLIAM MILLER, JR., Architect. CINCINNATI, OHIO.

GENTLEMEN:—Allow me to acknowledge with thanks the receipt for this library of a copy of your journal, ORNAMENTAL IRON, for August and September, 1893; also the photogravure work of same name, and also copy of your catalogue.

Your handsome catalogues are a welcome addition to our collections, and I would respectfully request that you send us Nos. 1 and 2 of your periodical, ORNAMENTAL IRON, that we may complete the set for binding for permanent preservation. These catalogues and other publications which you may send us from time to time will form a part of the Avery Architectural Library, which now numbers more than 9,000 volumes, and is, perhaps, one of the finest collections of its kind in the world.

I would also ask you to put this library on your mailing list for future numbers of ORNAMENTAL IRON and any other catalogues or plates you may issue.

With thanks for your kindness and asking its continuation, I remain, Very truly yours, GEORGE H. BAKER, Librarian. COLUMBIA COLLEGE, NEW YORK CITY.

GENTLEMEN:—I take pleasure in acknowledging the receipt of photogravure edition of your catalogue of 1893, which you had the kindness to send in response to my letter of recent date. It is an unusually handsome publication for a work of that kind. Please accept my thanks.

I am pleased to notice a few instances in this country of a tendency to pay some attention to esthetics in the design of bridges. Recently, several bridges have been erected in parks which show this. I hope the tendency will develop and that you may be able to aid in the movement.

Very respectfully, H. S. JACOBY. COLLEGE OF CIVIL ENGINEERING, ITHACA, NEW YORK.

PUBLISHERS ORNAMENTAL IRON:—We have just received No. 4 of your charming magazine. We are pleased to note that it not only keeps up to the high standard set by the first number, but even improves upon it. That the publication will do much to cultivate an appreciation of what is really artistic in metal work seems to us beyond doubt. Wishing it all success, we remain, Sincerely yours, CLEVELAND, OHIO. COBURN & BARNUM.

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We have also engaged the services of Mr. H. R. Smith, an elevator engineer of established reputation, under whose charge were executed some of the most important plants built by the Hale Elevator Company before its withdrawal from the field.

As Consulting Engineer we are fortunate in securing Mr. Kennerley Bryan, who leaves his important position as an engineer of Otis Brothers & Co., of New York, to assist in our enterprise. Mr. Bryan has had the advantage of years of experience with the Otis Company, known throughout America and Europe as manufacturers of elevator machinery of the most approved type. He now has the reputation of being one of the most skillful and experienced engineers in the art of elevator building.

Our erecting foremen and skilled mechanics are selected from the most experienced and reliable, and with their years of experience are considered to be the most competent in every respect.

Although presenting our claims for recognition under a name new to purchasers of elevators, our entire force is composed of experts selected from among the best of those whose skill gave to the Hale Elevator Company of the West, and to Otis Brothers & Co., of the East, a world-wide reputation. Our mechanics have been trained during a period of years in the belief that the desired end in elevator building is to produce the perfect and not the cheapest construction.

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While we aim to build better elevator plants than other manufacturers offer, we shall guard against unnecessary expense. Our construction is necessarily higher in first cost, but the additional outlay of purchase money required over the prices of other companies is more than justified by the much greater degree of safety, efficiency and durability that we effect. The money saved by the use of our construction in place of the poorly built, expensively operated elevators, sold at prices below the cost of first-class mechanism, amounts in the lifetime of the plant to more than the entire first cost. The annual saving in the cost of coal and repairs is a heavy percentage of the initial sum spent upon the entire equipment.

The only positive proof of the truth of our claims is the test of time. That, we cannot now give, but we shall be pleased to offer for the consideration of inquiring parties, proofs which we believe will convince any unprejudiced person who wishes to make an intelligent decision upon this subject so vital to the success of the modern building.

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